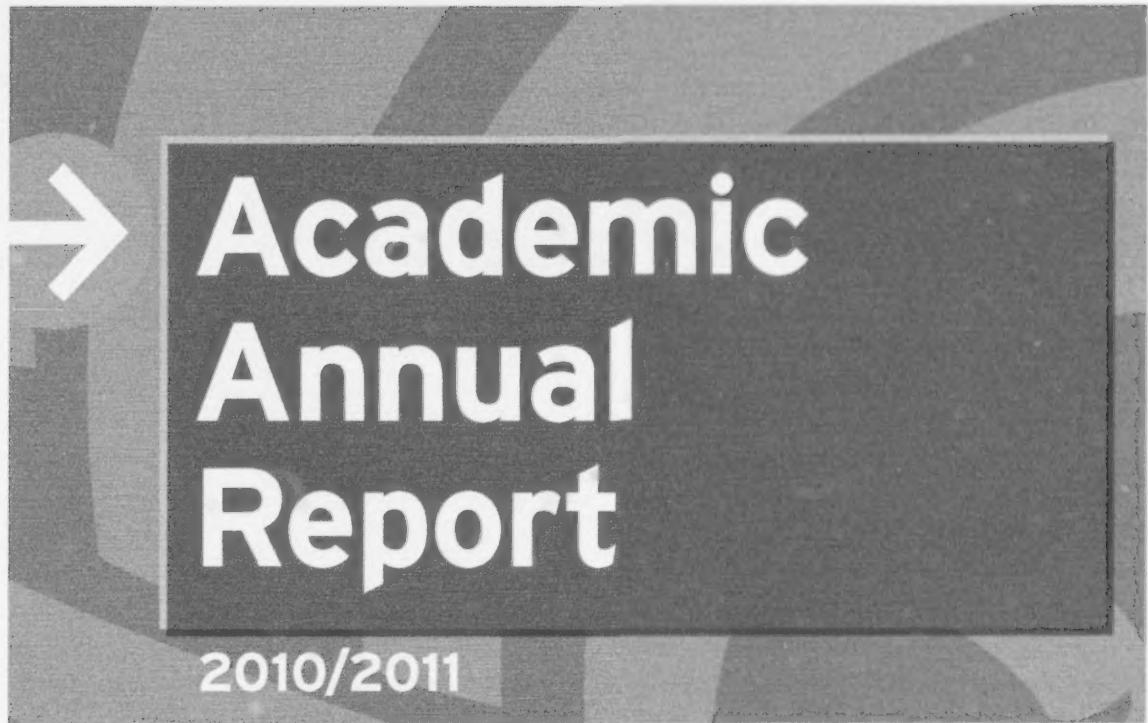# → Academic Annual Report

2010/2011

→ **Going Places.**

→ **Academic Annual Report**

2010/2011

Programs, by School

School of Business & Applied Arts

3D Computer Graphics (A)
American Sign Language -
    English Interpretation (J)
Applied Accounting (C)
Aviation Management (D)
Business Administration (D)
Business Administration Integrated (D)
Business Information Technology (D)
Commerce/Industry Sales & Marketing (C)
Computer Accounting Technician (C) (L)
Computer Analyst/Programmer (Co) (D) (L)
Creative Communications (D)
Culinary Arts (Co) (D) (L)
Deaf Literacy
Deaf Studies (C)
Digital Media Design (D) (L)
Graphic Design (D)
Graphic Design - Advanced (A)
Health Information Management (D)
Hospitality & Tourism Management
    (Co) (D) (L)
Hotel & Restaurant Management
    (Co) (D) (L)
Information Systems Technology
    (Co) (D) (L)
International Business (A)
Introduction to Business Information
    Technology (C)
Library and Information Technology (D)
Professional Baking (Co) (C) (L)
Technical Communication (Co) (D)
Tourism Management (Co) (D) (L)

School of Construction & Engineering Technologies

Architectural/Engineering Technology
    (Co) (D) (L)
Building Design CAD Technology (Co) (D)
Cabinetry and Woodworking -
    Certificate (C)
Cabinetry and Woodworking
    Technology (D)
Carpentry Five-Month Program (C)
Civil Engineering Technology (Co) (L)
Construction Management (Degree)
Electrical Five-Month Program (C)
Electrical Engineering Technology (D)
Electronic and Network Technology (C)
Electronic Engineering Technology (D)
Electrical/Electronic Engineering
    Technology Integrated (D)
Environmental Protection Technology
    (Co) (D) (L)
Geographic Information Systems (GIS)
    Technology (A)
Geomatics Technology (Co) (D) (L)

Greenspace Management (Co) (D)
Instrumentation Engineering Technology (D)
Municipal Engineering Technology
    (Co) (D) (L)
Network Technology (CCNA) Certificate (C)
Network Technology (CCNP) Certificate (C)
Network Technology (CCNP) Diploma (D)
Plumbing Five-Month Program (C)
Refrigeration and Air Conditioning
    Technician (C)
Structural Engineering Technology
    (Co) (D) (L)
Wood Products Manufacturing Technology
    - Certificate (C)
Wood Products Manufacturing Technology
    - Diploma (Co) (D)

School of Continuing & Distance Education (Continuing Studies)

Administrative Assistant (C)
Applied Counselling (C)
Educational Assistant
Health Unit Clerk (C)
Legal Administrative Assistant (C)
Occupational Health & Safety (C)
Para Educator (C)
Power Engineering - 5th Class (C)
Professional Photography (C)
Railway Conductor (C)
Recreation Facilitator for Older Adults (C)
Residential Decorating Program (C)
Sterile Processing Technician (C)

School of Health Sciences & Community Services

Animal Health Technology (D)
Chemical and Biosciences Technology
    (Co) (D)
Child and Youth Care (D)
Dental Assisting - Level 2 (C)
Diploma Nursing (Accelerated) (D)
Disability and Community Support (D)
Early Childhood Education (D)
Early Childhood Education - Workplace (D)
Health Care Aide (C)
Joint Baccalaureate Nursing (J)
Magnetic Resonance Imaging (MRI) and
    Spectroscopy (A)
Medical Laboratory Sciences (D)
Medical Radiologic Technology (D)
Nursing (Degree)
Paramedicine - Primary Care Paramedic (C)
Pharmaceutical Manufacturing (C)
Quality Assurance/Quality Control (QA/QC)
    in the Pharmaceutical Industry (A)
Radiation Therapy
Rehabilitation Assistant (C)

School of Indigenous Education

Aboriginal Language Specialist (D)
Aboriginal Self-Government
    Administration (D)
Academic Development Programs (C)
ACCESS Model Programs
Biindigen College Studies (C)
Community Development /Community
    Economic Development (D)
Community Development /Community
    Economic Development - Certificate (C)
Computer Applications for Business (D)
Introduction to Business (C)
Introduction to Trades (C)

School of Learning Innovation

Business/Technology Teacher Education (J)
Business/Technology Teacher Education
    - After Degree (J)
Industrial Arts/Technology Teacher
    Education (J)
Industrial Arts/Technology Teacher
    Education - After Degree (J)
Technical Vocational Teacher Education (D)

School of Transportation, Aviation & Manufacturing

Aerospace Manufacturing (C)
Aircraft Maintenance Engineer (D)
Automotive Service Education
Automotive Technician - Certificate (C)
Automotive Technician - Diploma (D)
Collision Refinishing (C)
Collision Repair and Refinishing (C)
Heavy Duty Equipment Mechanic (C)
Introduction to Aircraft Maintenance
    Engineer (C)
Manufacturing CAD (C)
Manufacturing Technician (D)
Mechanical Engineering Technology
    (Co) (D)
Outdoor Power Equipment Technician (C)
Power Engineering Technology (D)
Technology Management (A)
Welding (C)

Language Training Centre

English as an Additional Language
    (EAL) Programs (C)

(A) Advanced Diploma program
(C) Certificate program (usually 10 months)
(Co) Co-operative Education programs (may be optional)
(Degree) Degree program

(D) Diploma program (usually 2 years or more)
(J) Joint program with the Univ. of Manitoba or Univ. of Winnipeg
(L) Laptop computer delivery

Contents

Contact Information

Notre Dame Campus
2055 Notre Dame Avenue
Winnipeg, Manitoba R3H 0J9
Info line: 204-632-3960
Switchboard: 204-632-2311
No Charge-Dial: 1-888-515-7722
Fax: 204-632-9661
http://www.rrc.mb.ca

**Exchange District Campus
(Princess Street Campus)**
160 Princess Street
Winnipeg, Manitoba R3B 1K9
Telephone: 204-949-8337
Fax: 204-949-9188

Winnipeg Adult Learning Centre
F115 - 2055 Notre Dame Avenue
Winnipeg, Manitoba R3H 0J9
Telephone: 204-632-3791
Fax: 204-697-4968

Language Training Centre
300 - 123 Main Street
Winnipeg, Manitoba R3C 1A3
Telephone: 204-945-6151
Fax: 204-948-3214

Heavy Equipment Training Centre
Z110 - 2055 Notre Dame Avenue
Winnipeg, Manitoba R3H 0J9
Telephone: 204-697-5940
Fax: 204-697-0451

**Stevenson Aviation and Aerospace
Training Centre - Winnipeg**
2280 Saskatchewan Avenue
Winnipeg, Manitoba, R3J 3Y9
Telephone: 204-949-6001
No Charge-Dial: 1-866-706-5833
Fax: 204-948-2499

**Stevenson Aviation and Aerospace
Training Centre - Southport**
Box 237, Hangar 4
Southport, Manitoba R0H 1N0
Telephone: 204-428-6300
No Charge-Dial: 1-800-665-9864
Fax: 204-428-6305

Gimli Campus
P.O. Box 190, 234 Tudor Lane
Gimli Industrial Park
Gimli, Manitoba R0C 1B0
Telephone: 204-642-5496
Fax: 204-642-4189

Peguis - Fisher River Campus
Evergreen Technological
Entrepreneurship Centre
234 Tudor Lane, Gimli Industrial Park
Gimli, Manitoba R0C 1B0
Telephone: 204-642-5496
No Charge-Dial: 1-866-946-3241
Fax: 204-642-4189

Portage Campus
180 Centennaire Drive
Southport, Manitoba R0H 1N0
Telephone: 204-428-6322
Fax: 204-428-6337

Steinbach Campus
Unit 2 - 385 Loewen Blvd.
Steinbach, Manitoba R5G 0B3
Telephone: 204-320-2500
Fax: 204-346-0178

**Steinbach Community
Learning Centre**
Unit 2 - 385 Loewen Blvd.
Steinbach, Manitoba R5G 0B3
Telephone: 204-320-2500
Fax: 204-346-0178

Winkler Campus
100 - 561 Main Street
Winkler, Manitoba R6W 1E8
Telephone: 204-325-9672
Fax: 204-325-4947

**Winkler Community
Learning Centre**
300 - 561 Main Street
Winkler, Manitoba R6W 1G3
Telephone: 204-325-4997
Fax: 204-325-5945

The Year in Review
2010/2011

Colleges drive the economic and social development of the region they serve, creating rewarding careers for learners and a cutting edge workforce for employers. *Academic Plan 2020* provides the academic vision for the 21st century Red River College, and progress and accountability are reported annually in the Annual Academic Report. In 2010/2011, progress was made on all six goals.

Responsible Growth

To support economic and social development in a knowledge economy, Manitoba needs to increase its post-secondary participation rates, especially in the college sector. We also need to serve more students from rural, Aboriginal, new immigrant and international communities.

Full-time enrolments reached another all-time high in 2010-11, growing 5.6%, to 9,064 with increases in Health, Technologies, Language Training and co-operative education programs. Enrolments have increased 16% over the last five years and 45% over the last decade. International enrolments now make up 5% of the full-time student body.

RRC successfully launched its first two degree programs in 2010-11; Bachelor of Nursing and the Bachelor of Technology in Construction Management. Both programs were very well received and fully subscribed, demonstrating the strong demand for applied learning at all levels.

The International Educated Nurses program, first piloted in 2008-09, became a regular offering with two intakes per year, and a new Financial Service major was added to the Business Administration program. RRC was designated to deliver the Marine and Outdoor Power Equipment Technician program by Apprenticeship Manitoba and the School of Continuing and Distance Education developed three new programs: Funeral Director, Administrative Assistant and Medical Device Reprocessing.

In support of the growing enrolments, eight major construction projects were undertaken in 2010-11, including regional campus expansions (Winkler, Portage la Prairie), Notre Dame Campus expansions (Power Engineering, Automotive, Nursing, twin greenhouses, Landscape Pavilion), and the new Patterson Global Foods Institute.

Set to open in 2012, the heritage designated Union Bank Tower, Western Canada's first "skyscraper", is being restored to become the home for RRC's Hospitality and Culinary Arts programs, as well as our first student residence. As the Patterson Global Foods Institute, it will join the Roblin Centre and the Massey Building to form the Exchange District Campus.

Aboriginal Outreach

As our youngest and fastest growing population, Aboriginal learners are a key part of Manitoba's future. To support Aboriginal access and success in post-secondary education, RRC created the School of Indigenous Education and the Aboriginal Student Support Centre. The School provides programs focused on Aboriginal learners and communities, and supports Aboriginal students across all Schools. Increasingly the School provides indigenous educational leadership to the community at large, nationally and internationally.

RRC has a dedicated Aboriginal Student Support Centre to support Aboriginal learners in all programs at all campuses. The Centre provides outreach, academic and personal support services; serves as a hub for Aboriginal student life on campus and operates the Student Resource Centre as well as the Elders-in-Residence program. The Centre's kitchen facilities are used not only to support cultural and ceremonial feasts, but to provide regularly scheduled community kitchen activities, where students and their families can gather at the College and create meals to share and celebrate or even to take home. This helps recognize how connected our Aboriginal learners are to their families, and provides the opportunity to include families in the College community.

Partnerships and community-based efforts extend post-secondary education to Aboriginal learners who cannot attend an RRC campus. Computer programming courses were provided to the Peguis School Board, Early Childhood Education programming was delivered to the inner city through Urban Circle and to First Nations communities through the Head Start program.

The Biindigen college prep program was delivered to the Fisher River First Nation, the Child and Youth Care program was delivered through Ndinawe, and the Computer Applications for Business program was delivered through Ka Ni Kanichihk. RRC also supported the Makoonsag, Intergenerational Children's Centre.

Outreach activities include a robust community liaison program, with RRC staff visiting 33 First Nations communities and six communities in Nunavut. Campus tours more than doubled in 2010-11 and the first Hands-on Activity Week for Kids (H.A.W.K) summer camp for 10-13 year old Aboriginal youth was held at Notre Dame Campus. RRC participated in Health Career Days at Children of the Earth School, sponsored the Manito-ahbee cultural festival, and hosted more than 500 Aboriginal youth in the Manitoba First Nations Education Resource Centre sponsored Science Fair.

H.A.W.K. summer camp participants

Activities for the College community include orientation for new students, family supports and activities, campus based cultural activities, Elder's traditional teachings, and cultural teachings for schools and departments across the College. A new two-day "*Working Effectively with Aboriginal People*" workshop was introduced for staff to help them learn about the history and culture of Aboriginal people and where we are today.

Access and Success

Access means making programs broadly and conveniently available and ensuring student readiness. Success means supporting students and helping them learn.

Student success is a foundation of RRC's philosophy. We help students learn. We help them achieve their educational goals. We help them realize their dreams for a better future.

RRC uses an early intervention program called PATHS to help connect students to faculty advisors and the learning and personnel support systems available at the College. Programs participating in PATHS have improved their retention rate by over 7%.

In addition to PATHS, the Learning Assistance Centre supports a number of student success initiatives, including Keys to Success, *Write It Right* (essay writing assistance), and Wise Guys (online mini-modules). *Keys to Success* is offered to students in trades and technology programs and was expanded from one to two weeks of programming with an increased focus on basic math preparation. The *Wise Guys* online tutoring videos were expanded to over 80 videos including new areas of physics and dental assisting.

In addition to these College wide services, there are many student success initiatives within each school and department. Many programs have modified the curriculum to support the wide range of learners that come to the College. Some adaptations may be as simple as adding some review material at the beginning of the course while some programs have specially constructed curriculum that may extend the program over one or two additional terms, allowing for the inclusion of preparatory courses, additional tutorials and labs, extended time for regular courses, and a lower course load in each term to provide a steadier pace for students.

A major increase in retention and success has occurred with the conversion of the 10 month construction trades programs to 5 months. Not only was access improved by offering twice as many deliveries each year, but retention and graduation also increased, resulting in a 118% increase in graduation.

Each School includes Student Success as a key initiative in the School Strategic plan, which is discussed and updated annually with the faculty. In addition, many departments have their own customized student success activities, such as mid-term feedback, faculty advising, student mentoring, and social events and activities to connect the student's families to the College. New this year was the introduction of an elective course in Aboriginal Music and Dance to provide more interesting options for both Aboriginal and non-Aboriginal students.

Community based programming, distributed (distance) learning, continuing education, and regional campuses all help reduce the barriers of time and place. Recognizing Prior Learning (RPL) reduces the barriers of repeating learning that has occurred elsewhere, and outreach activities can help make post-secondary education a goal for those who might not dare to dream of it.

RRC delivered 17 full-time programs to 976 students through five Regional Campuses. Another 2,900 students accessed part-time programming at the regional sites and 5,115 more accessed RRC through distance education courses. In addition to the Regional Campus activities, community based and video streaming delivery brought campus based programs to rural and remote communities, including:

- Paramedicine (Portage la Prairie, Steinbach and Ashern)
- Introduction to Trades (Pinaymootang First Nation - Fairford)
- ECE (Steinbach, Portage la Prairie)
- ECE – Urban Circle
- Child and Youth Care (B&L Resources for Children, Ndinawe)
- Nursing (Neepawa, Gimli, Portage la Prairie, Dauphin, Winkler, Steinbach)
- Disability and Community Support (Winnipeg, Dauphin, Steinbach and Swan River)
- ECE (Aboriginal Head Start - both on and off reserve)
- Science of Early Childhood Development (Aga Khan Development Network)
- Electrician (e-apprenticeship)
- Certificate of Adult Education (Brandon, The Pas)
- Power Engineering (Shenyang Institute of Engineering, China)
- Electrical Engineering Technology (Shenyang Institute of Engineering, China)

Recognition for Prior Learning is another way to make college more readily accessible to adult learners. Providing credit for the knowledge students already have reduces the time and cost to complete a program. RRC provided RPL service to more than 1,000 students, including 300 with international credentials. In addition, more than 1,000 course transfers were processed through the year. Working with New Brunswick Community College, RRC supports *Socrates*, an on-line assessment tool to help students assess their previous learning and eligibility for advanced entry into an RRC program.

By reaching out early to young learners whose backgrounds might not normally lead them to college or university, RRC can increase accessibility and post-secondary participation rates. RRC participates in the award winning CareerTrek and College and University Bound programs with Manitoba Schools, and hosts a number of on campus youth activities such as:

- Hands on Activity Week for Kids (H.A.W.K)
- Girls Exploring Trades & Technology (GETT) Camps
- Network and Electronic Kids Kamps
- Technology Exploration Camps (TEC@RRC)
- RRC (biotech) Lab Challenge
- BioOlympics
- Manitoba First Nations Education Resource Centre Science Fair

Diversity and Inclusiveness

Immigration is booming and is a key driver of population growth for Manitoba. As our community becomes more diverse so does RRC, in part as a reflection of our community and in part to prepare our graduates for the global work force they will enter.

International enrolments can help bring immigrants to Manitoba while diversifying the campus population. Currently RRC serves students from over 40 countries, with international students making up about 5% of RRC's full-time enrolment. An International Task Force has been created to develop strategies to increase enrolments to 10% over the next few years.

Agreements with Henan Business College and the Shenyang Institute of Engineering will bring Chinese students to RRC for the last year of their joint Hospitality, Electrical Engineering or Power Engineering programs and the AME program remains popular with students from India. RRC also delivered customized apprenticeship programs to automotive and culinary students from Jamaica.

The Language Training Centre operates out of the campus at Union Station, helping new comers and international students learn English and the ways of the Canadian workforce. Enrolments have increased 45% over the last five years, with RRC now helping more than 1,000 new comers learn English each year.

In addition to language training, RRC also supports immigrant professionals, through programs such as the Bridge Program for International Educated Nurses, the Bridge Program for Trades, and the TapIn partnership with the International Centre. In 2010-11 RRC worked with the Office of the Fairness Commissioner to develop the Technical Project and Report Writing course to support the certification of foreign trained technologists and engineers.

A diverse campus also needs to be an inclusive one, where all members of the community can feel welcome, safe and respected. The Diversity and Immigrant Student Support department provides services and support programs to help immigrant and international students be successful in their transition to the College and their integration into the Canadian labour force. The department also provides customized diversity workshops to staff, faculty and students in varied academic programs to ensure that the learning environment is inclusive and respectful of diversity and to develop valuable cross-cultural skills necessary in today's global work environment.

The Aboriginal Student Support Centre helps Aboriginal learners adjust to college life, especially for those who have re-located to the city. Through monthly cultural teachings, workshops for employees, and the hosting of college wide events and activities, centre staff also helps non-Aboriginal staff and students understand the Aboriginal culture. New for 2010-11 was the addition of a Cultural Advisor to provide support to programs across the College, helping them better understand the values and perspectives of Aboriginal learners and how they connect to the world.

Quality and Innovation

Quality is a measure of how well we meet the needs of our learners and the community, and innovation means doing things better.

RRC maintains a comprehensive academic quality assurance program, including the use of Key Performance Indicators (KPIs), internal program reviews and external accreditation.

Graduate employment rates remain high, with 93% of graduates finding employment within 6 months of graduation. Key Performance Indicators also continue to indicate high satisfaction levels with employers (96%), graduates (93%) and students (87%).

Seven programs completed Face Validation reviews in 2010-11, four programs had their curricula re-developed and five others successfully completed external accreditation:

- Medical Radiological Technology (Canadian Medical Association)
- Primary Care Paramedicine (Canadian Medical Association)
- Electrical Engineering Technology (Canadian Technology Accreditation Board)

- Instrumentation Engineering Technology (Canadian Technology Accreditation Board)

- Electronic Engineering Technology (Canadian Technology Accreditation Board)

- Mechanical Engineering Technology (Canadian Technology Accreditation Board)

In addition, the Canadian Council of Animal Care renewed RRC's accreditation and Certificate of Good Animal Practice.

RRC's KPIs are strong, ranking the College at or near the top when benchmarked against other Canadian colleges. But with a philosophy of continuous improvement, RRC is always looking to do things better, including improving our quality assurance processes. In 2010-11 the School of Learning Innovation initiated a project to review the academic quality assurance system and the Research and Planning Department undertook to lead the development of a tri-college quality assurance system for Apprenticeship training across Manitoba.

To innovate is to renew or create, with the goal of improving and doing better. The philosophy of continuous improvement is fuelled by innovation.

Fifteen years ago RRC was one of the first colleges to introduce the laptop delivery model, where the College provided each student in a program with a laptop computer. As digital technology has become more universal, and more mobile, the College is moving to a new Bring Your Own Laptop model beginning in 2011. As this new model rolls out, RRC will be developing a new technology plan, including a universal mobile device environment for students.

While wireless brings digital mobility to on-campus students, broadband brings RRC to off-campus students. Streaming live video from campus based classrooms to students in rural and remote areas continues to grow in popularity, with live classes delivered to students across Manitoba, as well as to students as far away as China, Brazil, New Zealand, the UK, Egypt, and Germany.

The Electronic Apprenticeship Distance Delivery Initiative (EADDI) project is another example of innovation in program design and delivery. Using micro-video, real-time group sessions and independent study, the on-line apprentices were able to achieve the same exam scores as those taking the conventional campus based delivery. Based on the successful pilot RRC has been asked to lead the development of 20 more levels of on-line apprenticeship training.

Polytechnic Model of Education

Canada faces a growing productivity gap with its major trading partners. To ensure future competitiveness and prosperity, we need to ensure a highly educated and productive workforce. This means increasing post-secondary education participation rates and extending the breadth of applied learning to include advanced post-diploma education and applied college degrees focusing on innovation and commercialization. This polytechnic model of education also includes applied research as a key learning method and a means to support innovation in industry.

RRC signs a Credit Recognition Agreement with other Post-Secondary institutions

RRC introduced its first two bachelor degree programs in Nursing and Construction Management. The four-year Bachelor of Nursing program features an accelerated delivery model, using three terms a year to allow the completion of the program in just 34 months. It also includes a special pathway to allow licensed practical nurses to upgrade to a registered nurse.

The Bachelor of Technology in Construction Management program features multiple entrance and exit points, components of the Canadian Construction Association's Gold Seal program and preparation for LEED certification.

Both programs were fully subscribed in their initial year and have received strong support by industry and employers. The Nursing program was approved by the College of Registered Nurses of Manitoba and the Construction Management program received over $260,000 in scholarship endowments.

Applied research and commercialization is another area where colleges are supporting industry competiveness and workforce development, as confirmed by the Conference Board of Canada (2010) report: *Innovation Catalysts and Accelerators: The Impact of Ontario Colleges' Applied Research*. RRC is a recognized leader in applied research, with 2010-11 being another year of growth and accomplishment.

All Schools developed multi-year Applied Research Plans as part of their strategic plans, and the College introduced a Research Innovation Fund to provide seed grants to faculty and students on a competitive basis. Projects funded for 2010-11 included:

- Crack detection in concrete beams
- Venting of high efficiency gas furnaces
- GPS for animal tracking collars
- Cultivating microbes for value-added compounds
- Investigating drug quality
- UWB Antenna for Radar applications

Two new research centres were approved in 2010-11, the Electric Vehicle Technology and Education Centre (EVTEC) and the Centre for Non Destructive Inspection (CNDI). In addition, a major expansion was made to the Centre for Aerospace Technology and Training (CATT).

The EVTEC will be a demonstration site for various all-electric and plug-in hybrid-electric vehicles and their recharging equipment. The public will have a first-hand opportunity to learn more about these emerging technologies as electric vehicles become commercially available. The first major project ($3M) is assisting New Flyer Industries and Mitsubishi Heavy International to develop a battery powered city transit bus. RRC will support the development of the battery charging systems. The centre will also work on introducing Plug-in Hybrid Electric Vehicles (PHEVs) to cold climates.

RRC plugs into Electric Vehicle Partnership with New Flyer Industries

The $4.5M CNDI will provide a network of non-destructive imaging equipment that can be used by industry to detect hidden flaws in materials more efficiently and with greater confidence. These new technologies, such as X-ray tomography and laser ultrasonics, are critical to accurately and quickly verifying the quality of aerospace components. Industry

will have access to the equipment for production purposes and RRC will provide training to students and workers, and conduct applied research projects.

The $1.5M expansion to CATT extended the capabilities of RRC's advanced materials and processes lab located at StandardAero and established a new robotics training lab at the Notre Dame Campus.

In response to the Conference Board of Canada's report and the new strategic plan from the National Research Council, the federal government announced a number of new programs to support applied research at Canada's colleges and polytechnics. RRC is actively engaged in these new programs, including:

- receiving a $127, 000 Applied Research Tools and Instrument (ARTI) grant to upgrade the environmental test chambers in CARSI and acquire its air leakage testing equipment.

- selection as one of only two Prairie Region colleges invited to submit a proposal to establish an NSERC sponsored Technology Access Centre to provide technical assistance and applied research services to industry.

- developing a proposal for an Industrial Research College Chair to Assess the Performance of Green Buildings.

In recognition of the exceptional leadership that RRC has provided to developing the applied research role of colleges in Canada, RRC's Director of Applied Research and Commercialization, Ray Hoemsen, received The Association of Canadian Community Colleges' prestigious Gold Leadership Excellence Award.

Going Places

With a plan for responsible growth, a track record of access and success and a reputation for quality and innovation, Red River College will continue to support the economic and social development of Manitoba. Our highly skilled, highly qualified graduates will enter the workforce ready to make an immediate impact, here in their local community and around the globe.

College Profile
Going Places

Red River College graduates truly are going places; they possess the knowledge, flexibility and curiosity to contribute, learn and adapt in a changing economic, social and cultural environment.

Through more than 130 diploma, certificate, degree, and apprenticeship programs, RRC enables skilled, experienced and motivated graduates to succeed and achieve their dreams. The College strives to help learners find meaningful careers and provide a skilled and informed work-force for Manitoba by setting the standard in applied post-secondary education and research programs and meeting the demand of the marketplace.

The College itself is going places by growing, changing, and adapting to meet the requirements of today's knowledge economy as well as the needs of the foundation economy. RRC is using technology to offer flexible programming to students wherever they may be and whenever they need to access it, updating and expanding its programs to remain relevant for learners and improving facilities to ensure a top rate educational experience.

Full-Time Program Growth

The College has experienced significant growth in its regular full-time programs, (certificate, diploma and other award programs). Since 1999/2000, enrolment in these programs has increased by 61 percent.
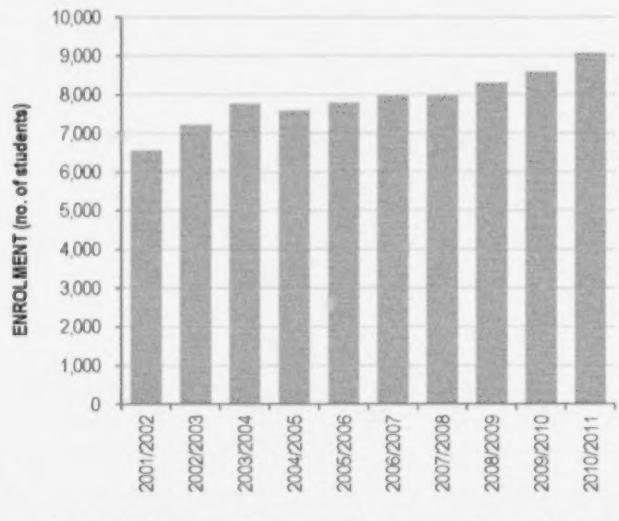
College Enrolment

Regular Full-time Programs (includes certificate, diploma and other award programs)
Regular Part-time Programs
Apprenticeship
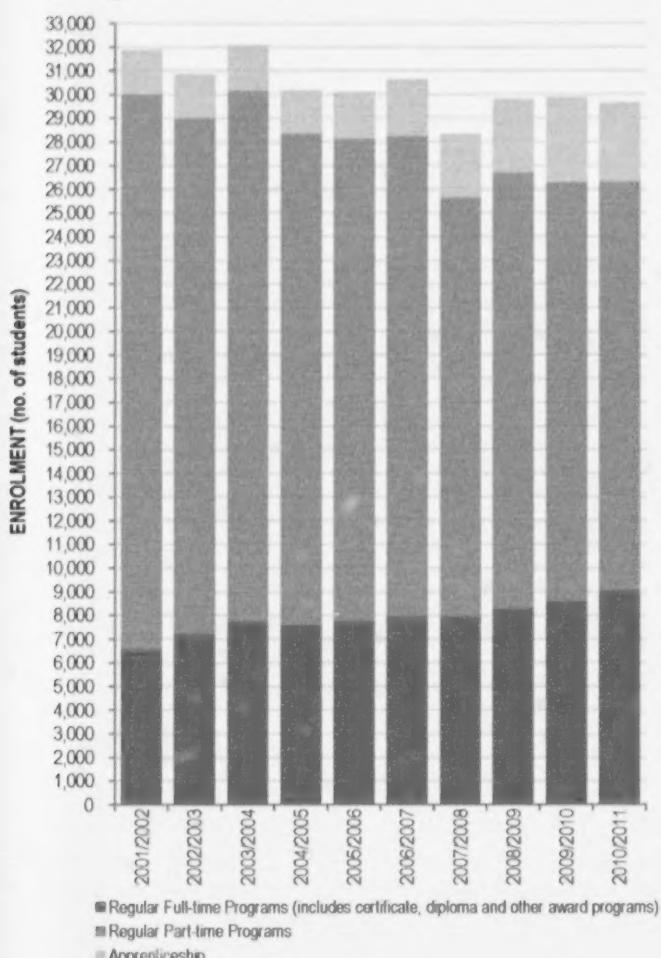
Number of Graduates, Certificate and Diploma Day Programs

Certificate · Diploma

Full-time Enrolment

Regular Full-time Programs (includes certificate, diploma and other award programs)
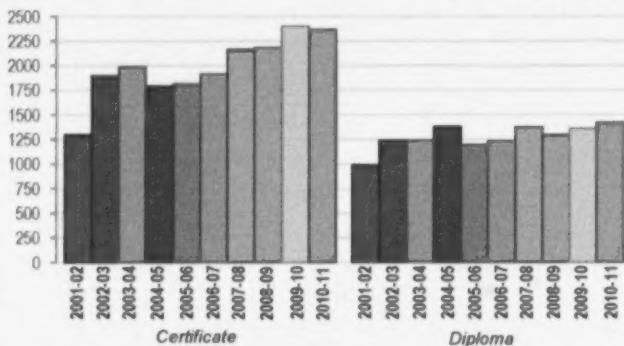
Vision and Mission

The College has a future-focused vision: Red River College is renowned for providing accessible, innovative, applied learning and research in an advanced environment, creating skilled graduates to drive the Manitoba economy.

The mission of RRC is to enable students to build a career, enhance quality of life, and contribute to Manitoba's economic and social prosperity through exceptional applied education and research.

The College's ties to the community are reinforced through a 12-member Board of Governors. The Board focuses on the vision and long-term strategic directions for the College.

Organization

Red River College is a multi-campus institution with major facilities in the Winnipeg Region and five regional campuses strategically located throughout the Province.

Eight major construction projects were undertaken in 2010-11, including regional campus expansions (Winkler, Portage la Prairie), Notre Dame Campus expansions (Power Engineering, Automotive, Nursing, twin greenhouses, Landscape Pavilion), and the new Patterson Global Foods Institute.

The heritage designated Union Bank Tower, Western Canada's first "skyscraper", is being restored to become the home for RRC's Hospitality and Culinary Arts programs, as well as our first student residence. As the Patterson Global Foods Institute, it will join the Roblin Centre and the Massey Building to form the Exchange District Campus.

Student Location Prior to Entry to RRC, 2010/2011

- Urban South 72%
- Outside MB 3%
- Urban North 1%
- Rural North 6%
- Rural South 18%
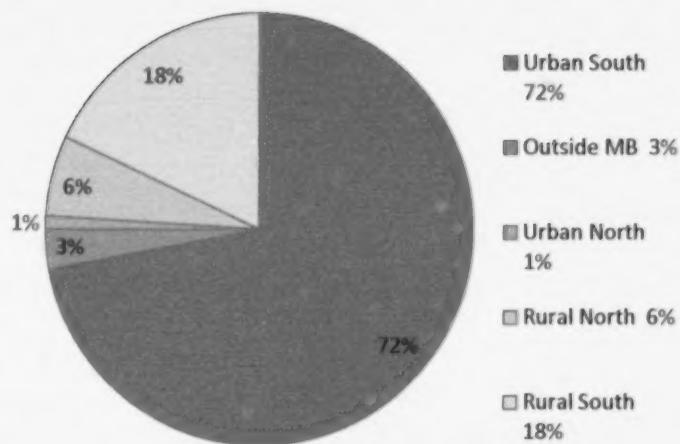
Note: Urban South includes the metropolitan Winnipeg area, Brandon, Portage la Prairie and Selkirk. Rural South includes all other areas in southern Manitoba. Urban North includes the northern urban areas of Dauphin, The Pas, Flin Flon and Thompson. Rural North includes all other areas in northern Manitoba.

Programming

RRC offers a diversity of post-secondary credentials, including baccalaureate, joint baccalaureate, advanced diploma, diploma, certificate and preparatory programs in the fields of applied arts, applied sciences, business, community services, developmental education, health and technology. In addition, the College provides training for apprentices in 32 designated trades.

The College also offers a comprehensive array of courses for part-time learners in Winnipeg and across Manitoba through its Continuing Studies office and its Regional Campuses.

The College also responds to the specialized and customized education and training needs of business, industry, government and community organizations. The Contract Training unit of Continuing Studies provides centralized sales, service and administrative support to contract training initiatives of all departments and divisions.
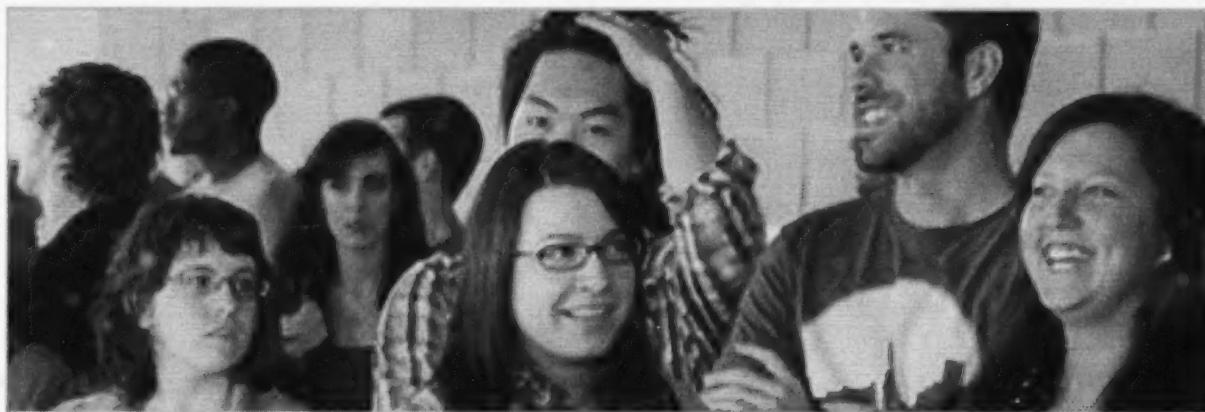
Demographics

In 2010/2011, the majority of students enrolled in full-time programming were between 20 and 24 years of age.

Students came to the College from across the province. Seventy-two percent of students are from the urban south. Excluding apprenticeship training, women comprised 51 percent of the full-time student population in 2010/2011.

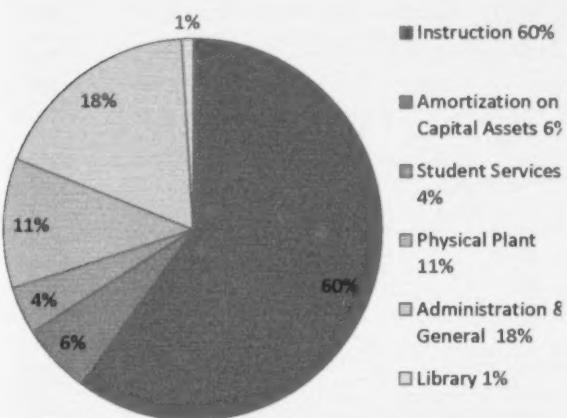As a comprehensive college, RRC serves a diverse population with a varied educational background.

Resources

In 2010/2011, the total human resources complement of the College was approximately 1,286 full-time equivalent staff years.
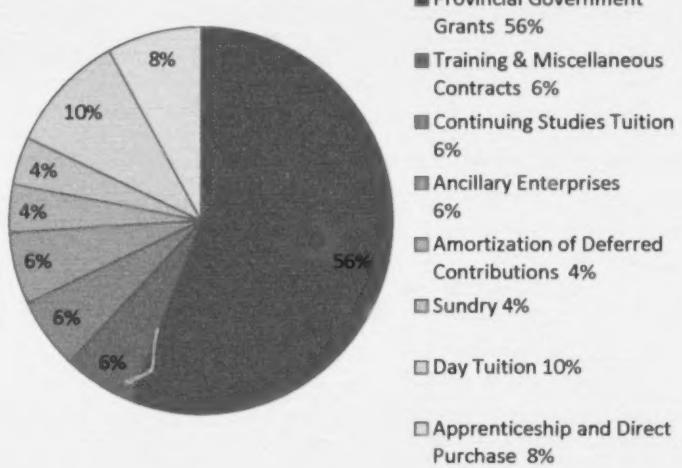
The College operates on a not-for-profit basis with an annual expenditure of approximately $154,000,000.

As a publicly funded institution, the College relies significantly on provincial government grant support, which comprised approximately 56 percent of its total revenue in 2010/2011. The College receives tax exempt status as a registered charity

College Expenditures, 2010/2011

- Instruction 60%
- Amortization on Capital Assets 6%
- Student Services 4%
- Physical Plant 11%
- Administration & General 18%
- Library 1%

College Revenue, 2010/2011

- Provincial Government Grants 56%
- Training & Miscellaneous Contracts 6%
- Continuing Studies Tuition 6%
- Ancillary Enterprises 6%
- Amortization of Deferred Contributions 4%
- Sundry 4%
- Day Tuition 10%
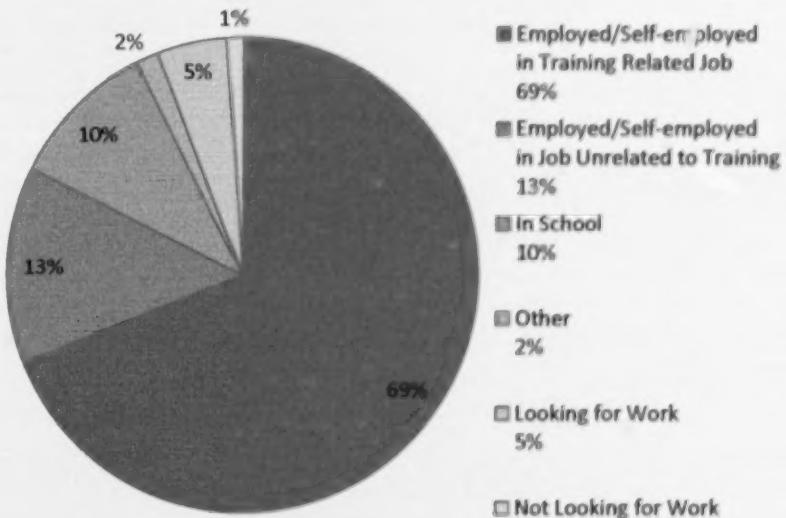- Apprenticeship and Direct Purchase 8%

10

Graduate Satisfaction & Employment

Red River College's 2010/2011 Satisfaction and Employment survey of 2009/2010 graduates shows that graduates continue to find jobs in Manitoba and express high levels of satisfaction with their education.
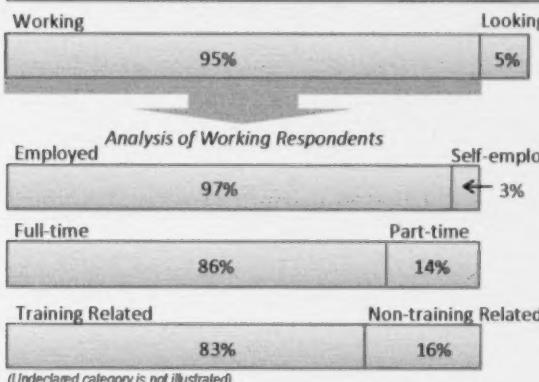
Of all full-time day program graduates who responded to the survey, 93 percent were employed or furthering their education.

Of those graduates who were in the workforce, seeking employment, over 95 percent found jobs. Only 5 percent were looking for work. Moreover, of the responding employed graduates who reported an employer's address, 98 percent were in Manitoba. By far, most College graduates remain in Manitoba to contribute to the province's prosperity and to its social and cultural vitality.

Current Status
(% Of all Respondent in this Report)

- ■ Employed/Self-employed in Training Related Job 69%
- ■ Employed/Self-employed in Job Unrelated to Training 13%
- ■ In School 10%
- ▣ Other 2%
- ▢ Looking for Work 5%
- ▢ Not Looking for Work 1%

Graduates in the Labour Force

Working 95% | Looking for Work 5%

Analysis of Working Respondents

Employed 97% | Self-employed 3%

Full-time 86% | Part-time 14%

Training Related 83% | Non-training Related 16%

(Undeclared category is not illustrated)

| Satisfied with Training Received 93% | Recommend Program to Others 92% | Up-to-date Program 90% | Instructors knowledgeable 93% |

(All respondents included in chart calculations)

Eighty-three percent of employed/self-employed graduates reported that they were working in a field related to the education and training received. In addition, 86 percent of the employed/self-employed graduates reported that they were employed full-time.

Ninety-three percent of all respondents reported that they were very satisfied or satisfied with their education at Red River College and 92 percent said they would recommend their program to others.

Graduates also reported their annual salaries. There is variation in the level of achieved income by program with an average of $38,711, which was an increase of 1.2 percent over that reported by 2008/2009 graduates.

Top Ten Average Starting Salaries

Certificate in Adult Education	$66,923.891
Diploma Nursing (Accelerated)	$60,912.22
Power Engineering Technology	$59,358.40
Vocational Industrial Teacher Education (part-time)	$58,842.13
Technical Vocational Teacher Education	$56,780.00
Structural Engineering Technology	$55,380.00
Instrumentation Engineering Technology	$52,930.90
Industrial Arts/Technology Teacher Education	$52,500.00
Collision Refinishing	$51,740.00
Medical Laboratory Sciences	$51,653.18

(Excludes programs with only one salary provided)

Student Satisfaction

The annual Student Evaluation of Program (SEPS) report summarizes the attitudes and feelings of students towards their college experience in a graphical format. This graphical format allows for quick and easy insight into students' satisfaction with the program. The SEPS report takes the 44 questions on the student evaluation of program survey and factors them into eight dimensions of Program Quality, Orientation, Familiarization with College Policies, College Environment, Quality of Instruction, Program Resources, Facilities and College Services. These eight factors are reported on a simple bar chart, giving readers instant insight into the student's experience in the program.

Each program's Summary of Student Ratings is published in the combined Graduate Satisfaction and Employment Report and Student Evaluation of Program Report and also on the College's website. Roll-up summaries are also available for each School and for the College as a whole.

Summary of Student Ratings of the College

Overall Score	3.13
Program Quality	3.22
Orientation	3.21
Policy Awareness	2.73
College Environment	3.29
Instruction	3.33
Program Resources	3.09
College Facilities	3.11
College Services	3.08

Note: *Student ratings are presented in a four point scale from 1 to 4, with 1 indicating strong dissatisfaction and 4 indicating strong satisfaction.*
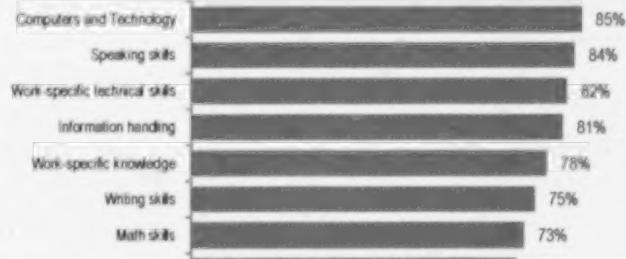
Employer Satisfaction

As its name might suggest, the Employer Satisfaction survey interviews employers of recent graduates for the three preceding years. In addition to measuring overall satisfaction, employers are asked to rate their satisfaction with graduates fundamental skills, personal management skills, and teamwork skills. Employers are asked to assess graduates along a total of 17 measures. The results for the entire college are reported annually. By combining the results for the last three years, a more detailed picture can be presented at the program level.

2010 Employer Satisfaction Survey

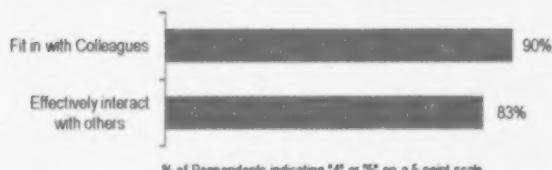### Satisfaction with Preparation of RRC Graduates for Work
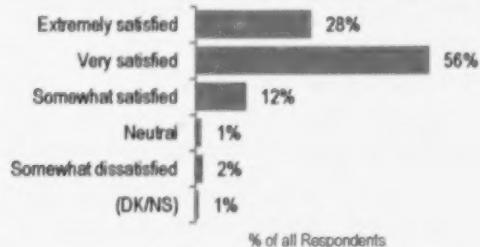
Extremely satisfied	28%
Very satisfied	56%
Somewhat satisfied	12%
Neutral	1%
Somewhat dissatisfied	2%
(DK/NS)	1%

% of all Respondents

Employers' Satisfaction with Graduates' Fundamental Skills

Computers and Technology	85%
Speaking skills	84%
Work-specific technical skills	82%
Information handling	81%
Work-specific knowledge	78%
Writing skills	75%
Math skills	73%
Assessment skills	71%

% of Respondents indicating "4" or "5" on a 5-point scale

Employers' Satisfaction with Graduates' Teamwork Skills

Fit in with Colleagues	90%
Effectively interact with others	83%

% of Respondents indicating "4" or "5" on a 5-point scale

Employers' Satisfaction with Graduates' Personal Management Skills

Act, perform work ethically	89%
Awareness of personal/group health & safety practices	82%
Perform tasks accurately & pay attention to detail	81%
Adapt to new situations by applying knowledge, skills	78%
Plan, design and carry out projects	71%
Set priorities, allocate time effectively	70%
Indentify/suggest alternate ways to achieve goals	69%
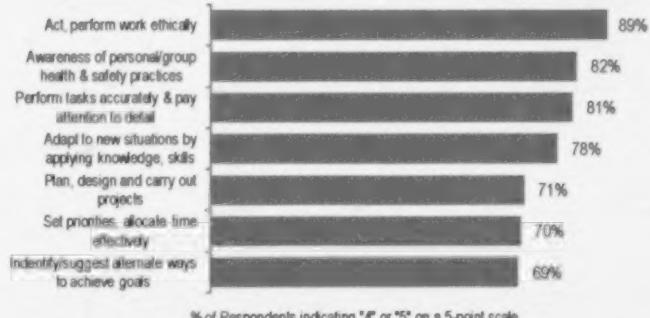
% of Respondents indicating "4" or "5" on a 5-point scale

Student Success

Student Support Services
Department Highlights

Exam Accommodations & Assistive Technology continued the expansion of alternate format material services, the biggest area of growth in the past year and will continue to streamline this service to make it as efficient as possible. Demonstrations/training in the use of assistive technology/adaptive equipment was provided to 33 students compared to 10 students in 2009/2010.

Exam Accommodations & Assistive Technology and the RRC Library have been working collaboratively to increase accessibility for students with disabilities. Planning occurred for specialized software to be installed in the near future on computer workstations at both NDC and EDC libraries, including Jaws and ZoomText software. In addition, larger monitors, adjustable tables, and specialized keyboards will be available in both libraries to increase accessibility.

(Notre Dame Campus)

(Exchange District Campus)

Exam Accommodations & Assistive Technology and Counselling & Disability Services spent much of the year preparing for the development and implementation of the ClockWork software in July 2011. ClockWork is a scheduling system that is intended to increase the efficiency of exam scheduling, ease the transfer of information between service units, and allow for more extensive and meaningful data collection.

Counselling & Disability Services developed *The Handbook for Students with Disabilities* to provide important information for students with disabilities including their rights and responsibilities in receiving accommodations at Red River College. It also acts as a tool for staff at the college to keep students accountable for their role in receiving services.

Assessment Services was a partner in the Trades Essential Skills Project (funded by the Technical Vocational Initiative). All results from the three pre-employment trades areas were analyzed and communicated to the Dean of Trades & Technologies, as well as the Chair of Construction Trades. Revisions were made to the three assessment tools, based on results of the item analysis.

The Learning Assistance Centre continued its involvement in four partnership projects in the 2010-11 academic year: *Pre-Employment Math* Orientation Week (with Trades and Technologies); *Pathways to Success* (with Research & Planning); *RRC Student Success Skills* (with the Student Success Coordinator); and *Wise Guys* online mini modules (with TLTC).

During 2010-11 the Student Services department provided direct service to thousands of Red River College students:

- Assessment Services provided testing for enrolment purposes to 1,918 clients (+5%). Diagnostic testing was also provided to 1,203 students (+1%) as well as 274 contract assessments.
- Counselling & Disability Services provided service to 1,436 students (+7%) of which 1,065 (+.5%) had diagnosed disabilities. In total, counsellors had 5,114 appointments with students.
- Exam Accommodations & Assistive Technology provided service to 469 students with disabilities for test/exam accommodations and 3,986 tests/exams were invigilated.
- Employment Services provided service to 2,052 students and posted 5,064 employment opportunities.
- Interpreting Services provided 18,962 hours of ASL/computerized note-taking support to 34 students (+6%).
- The Learning Assistance Centre provided 10,660 hours of tutoring support (+5%) to 2,024 students (+33%).

Recognition of Prior Learning (RPL)

Department Highlights

In 2010/2011, the Department:

- Provided RPL information and advising, as a part of the Academic Advising service for 1,000 prospective and current students, including more than 300 international students.

- Provided 10 RPL Orientations on campus and presented externally to other organizations, such as Winnipeg English Language Assessment and Referral Centre (WELARC) and Employment Solutions for Immigrant Youth. Many academic departments provided program-specific RPL advising and conducted assessments of prior learning for learners enrolled in full and part-time programs.

- Supported over 1000 course assessments across all programs. Faculty assessed using course, course cluster and program RPL approaches. Each year, over 90% of the RPL assessments result in course credit recognition for prior learning.

- Expanded the use of *Socrates - Know Yourself*, an online self-assessment and RPL advising tool, in programs such as Early Childhood Education (ECE), Business Information Technology (BIT), Certificate in Adult Education (CAE), the RPL Practitioner Certificate, and Educational Assistant.

- Continued to develop RPL resources for learners to use in proving prior learning for programs such as Educational Assistant, Business Administration, Occupational Health and Safety, RPL Practitioner, Technology Management and BIT.

- Developed innovative RPL practices with workplace RPL models, course cluster approaches and online self-assessment, in Community Services programs.

- Delivered the Recognition of Prior Learning (RPL) Practitioner Certificate program for learners in Manitoba, across Canada, and internationally. The program is designed for advisors, assessors and facilitators who work in the RPL field or related fields such as adult learning, career counseling, human resources and qualification recognition. Practitioners from Canada, Bermuda, Brazil, Ireland and New Zealand have accessed the certificate courses over the past few years.

- Delivered the RPL Foundation course in Brazil as part of the Association of Canadian Community Colleges (ACCC) joint CIDA project, "Thousand Women", with institutes in Brazil. Eighteen faculty and deans, from institutes throughout Brazil, completed the course. Implementation of RPL practices and the ACCESS model were key strategies explored during the project.

- Facilitated two 5-day institutes to train RPL practitioners, including the 9th annual RPL Foundation Summer Institute with participants from Manitoba, New Brunswick and Nova Scotia. Another institute was conducted in Ontario for a group of literacy and employment counselors in partnership with Literacy Ontario Central South (LOCS). To date, 663 learners have completed the RPL Foundation course.

- Facilitated a special online delivery of the *Train the Trainer: Portfolio* course for 11 practitioners from New Brunswick who work in the employment counseling, education and literacy fields.

- Increased staff development opportunities in RPL, including monthly "RPL@Noon" sessions and customized RPL program preparation workshops for faculty and staff. The 4th annual RPL Symposium - Celebrating Learning was held for College faculty and staff to learn about RPL and share resources and practices. The symposium presentations were live-streamed to all campuses and across Canada, with 40 participants joining in.

- Presented RPL workshops at provincial and national conferences, including the National Academic Advising Association (NACADA) conference, Association of Canadian Community Colleges (ACCC) annual conference, Manitoba Prior Learning Assessment Network (MPLAN) learning events and the annual Canadian Association for Prior Learning Assessment (CAPLA) conference.

Staff Notable Achievements

Deb Blower, RPL Facilitator, served on the national ACCC Transfer, Articulation and Pathways Committee that helps guide ACCC's work towards increased pathways and mobility for students in post-secondary institutions in Canada. She also continued as Chair of the ACCC's Recognition of Learning Affinity Group Coordinating Committee.

Deb Blower continued to serve on the national Board of Directors for the Canadian Association of Prior Learning Assessment (CAPLA). She helped plan and co-facilitated a one day workshop, Canada's Colleges: RPL, *Learner Mobility and Pathways - Now and in the Future*, at the CAPLA annual conference.

Lauren Waples, RPL Advisor, continued her term as the Chair of the Manitoba Prior Learning Assessment Network (MPLAN).

RPL staff continued to participate at provincial and national levels with representation on: MPLAN Board of Directors and Program Planning Committee; the RFL Advisory Committee for CAPLA's online community of practice; the ACCC Recognition of Learning Affinity Group; CAPLA's Education and Training Committee, RPL Standards Working Group, the International PLA Network and the RPL for Mature Worker Committee; and the pan-Canadian Strategic Advisory Panel on RPL.

School of Business & Applied Arts

Dean Graham Thomson
Room P311, Phone: 949-8377,
Email: gthomson@rrc.mb.ca

This School consists of four departments: Accounting and Computer Education; Applied Commerce & Management Education; Creative Arts; and Hospitality. The School offers programs designed to meet the specific needs of the business, information technology, hospitality, and graphics and communications professions.

School Highlights

Creative Communications Advertising Majors and 2nd year Graphic Design students received iPads through the Red River College Program Innovation Fund. The students launched iPad ePubs in April.

Manitoba novelist David Elias was a writer-in-residence from November 8 until December 10, 2010. David was available to read and comment on student writing.

Larry Samborski and Tara Brown organized the Girl's in IT Camp and the Day in the Life Camp.

Larry Samborski and Tara Brown organized the Peguis Symposium at the Roblin Centre. In addition to Accounting and Computer Education, the following departments hosted sessions: Business Information Technology, Creative Communication, Electrical Engineering Technology, Nursing, Pharmaceutical Manufacturing Technology, Aboriginal Elders, and Aboriginal Computer Applications.

Red River College played host to representatives from the Pontifical Catholic University of Rio Grande do Sul in Brazil. They met with Guy Dugas, Randal Peters, Ralph Dueck, Jean-Rene Nicolet, and Stephen Jay to discuss our Project semester and how they can help with their TeleHealth project.

The Winnipeg Committee for Safety program (collaboration between the ACME department and the City of Winnipeg Committee for Safety) was successfully completed by November 2010. The project outcomes attained included: preparation of new materials; public speaking; confidence building; critical thinking; ownership and empowerment for students; business world contact and direction; developing relationships and team building.

Approximately 450 students, staff and industry guests attended the Entrepreneurship Business Reception and Trade Show held at the Notre Dame Campus. Thirty-two Entrepreneurship groups displayed their projects and business ideas and networked with business and industry representatives.

The School of Business & Applied Arts held its Directions Business Conference at the Victoria Inn. Approximately 630 students, business representatives and faculty attended this conference.

Business Administration Coordinator David Thomas, facilitated Math Outcomes for Successful Transition (M.O.I.S.T.), a groundbreaking pilot project about bridging the gap between high school applied math education and college math education.

Staff Notable Achievements

Instructor **Ilija Dragojevic** developed and delivered a one-day presentation on Leadership Skills – Making It Happen - for GoldenWest Broadcasting at their Leaders of Tomorrow conference held in Steinbach. As a result, GoldenWest Broadcasting out of Altona, Manitoba, will provide a $1,000 scholarship for a returning second-year Business Administration student.

Laurie Cutrone attended the 10th IEEE International Conference on Advanced Learning Technologies in Sousse, Tunisia. Laurie presented her Master's thesis project, *Automarking: Automatic Assessment of Open Questions*, which was very well received. There were some 300 participants from universities from around the globe, and Laurie was the only presenter from a college.

Laurie Cutrone received her Master's of Science in Information Systems (MScIS) from Athabasca University. She was awarded two scholarships: The Dominique Abrioux Graduate Scholarship, based on proven ability to balance full-time employment, family, and community roles with a significant course load and record of academic achievement; and the Excellence in Research Scholarship, awarded to current AU graduate degree program students who have a record of academic achievement.

Accounting and Computer Education instructors **Betty Young** and **Nola Andrews** completed their Masters

degrees from Athabasca University. Betty completed a Master's of Distance Education and Nola completed a Master's of Science in Information Systems (MScIS).

Guy Dugas, Steve Lawrence, Pawan Earnest and **Marnie Boulet** accepted a 2010 RRC Innovation Award for their implementation of the Socrates Web assessment tool in a pilot Recognition of Prior Learning (RPL) project. The pilot with Manitoba Hydro allowed employees to self-assess online, and then be assisted by a program RPL advisor (Steve Lawrence) to obtain credits towards a diploma in the Business Information Technology Program.

Jody Gillis and **Kyle Geske** were featured on both CBC's Radio Noon, and the CBC Manitoba TV evening news, to talk about WinnipegElection.ca, the citizen driven Website they built for the upcoming Winnipeg general election.

Guy Dugas gave a presentation on the Business Information Technology program's "Greenhouse" proposal, including its full-semester industry applied research project, to a receptive international audience at the Centralia Global Business to Business Forum in Winnipeg.

Dan Greenberg's article entitled, "Aviation Management Course at Red River College", was featured in the Winter 2011 edition of the Manitoba Aviation Council's magazine.

RRC Grad advances to National Culinary Championships

Student Notable Achievements

Hospitality Baking student **Sean Trembley** won the Skills Canada provincial gold medal in Baking.

Second-year Journalism major **Jessica Cable** spent two weeks as an embedded journalist with the Canadian Forces on a training exercise in Northern Manitoba. Several Forces publications will publish her stories and pictures.

Heather Zimmerman, 2nd year Graphic Design student, won the Downtown BIZ's annual Chinatown Banner Competition.

Second-year Creative Communications student **Yvonne Raymond** launched her book *Lockout: Exploring the Rich History and Uncertain Future of Powerview-Pine Falls, Manitoba* at McNally Robinson Booksellers. Yvonne's book jumped to the No. 1 spot on McNally Robinson's paperback nonfiction bestseller list.

Digital Media Design student **James Anderson** was honoured with the prestigious Lieutenant Governor's medal. James is the first Digital Media Design student to ever win this award.

The work of 3rd year Graphic Design students **Paul Buccini** and **Neila Carmichael** was chosen from nine other proposals to be part of the creative force behind the 2011 Signature Awards.

Chris Paetkau, a 2010 graduate from the Creative Communications program, produced a video documentary called *Wagiiwing*, for Riding National Park over the summer of 2010. The video was chosen to be screened at the Banff Mountain Film Festival.

The 2010-11 Convocation Gold Medal and Lieutenant Governor Medal Award recipients were:

Gold Medal winners:

- **Michelle Margaret Gamache** *Graphic Design*
- **Shannon Lisa German** *Hospitality and Tourism Management (Hotel and Restaurant)*
- **Troy Adrian Giesbrecht** *Digital MultiMedia Technology*
- **Carol Marie Hargreaves** *Business Administration*
- **Kimberlee Michelle Lawson** *Creative Communications*
- **Jacqueline M. Leach** *Culinary Arts*
- **Allison Rae Machovec** *Technical Communication*
- **Dallas Joel McEvoy** *Computer Analyst/Programmer*
- **Raymond Bruce Northcott** *Information Systems Technology (Network Management)*
- **Mikaela Anne Oldenkamp** *Library and Information Technology*
- **Larry Cameron Penner** *Library and Information Technology*

Lieutenant Governor Medal winner:

- **James Douglas Anderson** *Digital MultiMedia Technology*
- **Jacqueline M. Leach** *Culinary Arts*

Creative Communications Students show off self-published magazines

3D Computer Graphics

### One-year advanced diploma program

Students are taught the skills required to work in areas such as advanced 3D graphics and animation and production management. Graduates of the 3D Computer Graphics program may find employment in visual effects, motion graphics, video game development, 3D simulation and prototyping, medical imaging, and 3D simulation industries. Some graduates may choose self-employment as freelance artists.
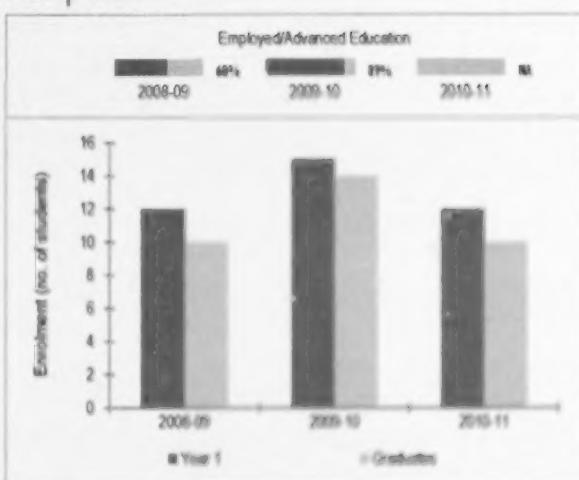
American Sign Language - English Interpretation

Joint three-year degree program offered in partnership with the University of Manitoba. Graduates will receive a diploma in ASL-English Interpretation from RRC and a Bachelor of Arts degree from the U of M.

Students are taught the skills required to function as an American Sign Language (ASL)/English interpreter in facilitating communication between hearing and Deaf individuals. Graduates are working in public schools, in interpreter referral centres and in post-secondary institutions. Some work on a freelance basis in specialized settings such as medical, religious, mental health, recreational, legal, employment, government, and the performing arts areas.
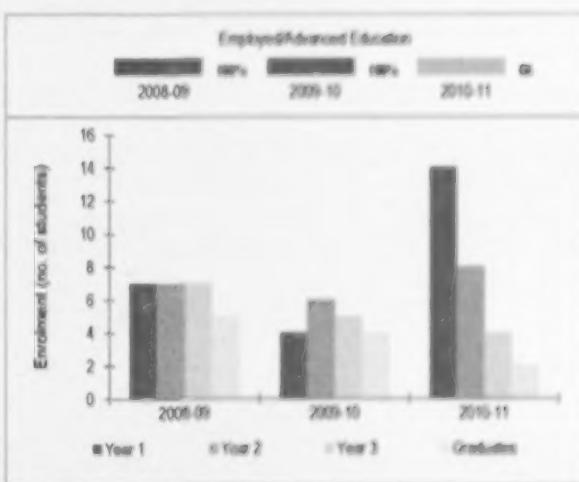
Applied Accounting

One-year certificate program

The Applied Accounting program is designed to provide students with the necessary skills to provide entry-level accounting support. In addition to developing basic accounting and computer skills, the program includes courses in general business practices.

Note: This new program replaces Computer Accounting Technician.
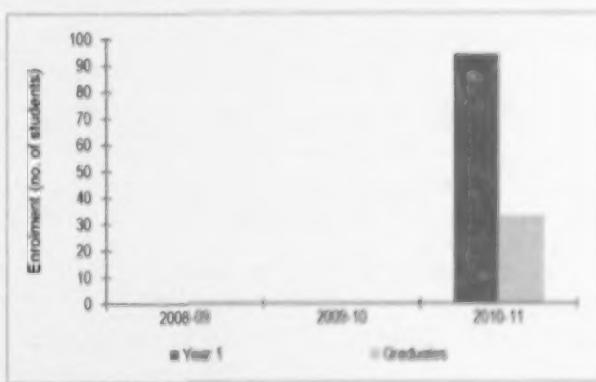
Aviation Management
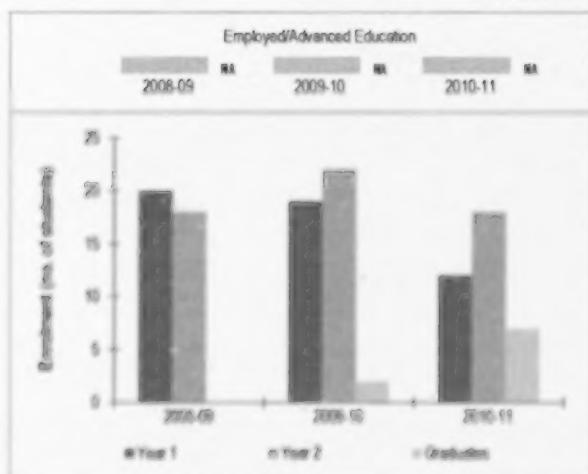
Two-year diploma program

This program combines business management and flight training in a unique program designed to prepare graduates for their first employment in an aviation career. Graduates obtain their commercial license with a night and single engine instrument rating, through training from flight simulation equipment, and flying a variety of aircraft. Further electives may provide training in instructor, float, aerobatic, and multi-engine instrument ratings. The graduates can expect to find employment in various aspects of the aviation industry, including flying and airport management.

Business Administration
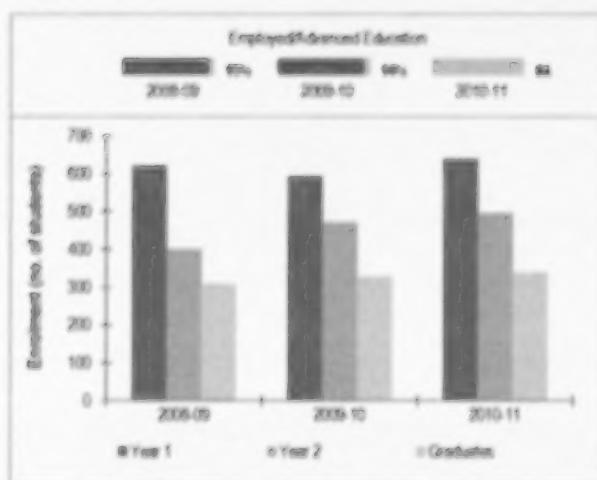
Two-year diploma program

As a result of majors including Accounting, Administration, Financial Services, Marketing, and Office Management, graduates move into a broad range of businesses and industry. Some employment areas include banking, insurance, retail management, sales positions and other service industries in large, medium or small enterprises. As a result of the entrepreneurial focus of the second year - a number of graduates have started their own business.

Business Administration Integrated
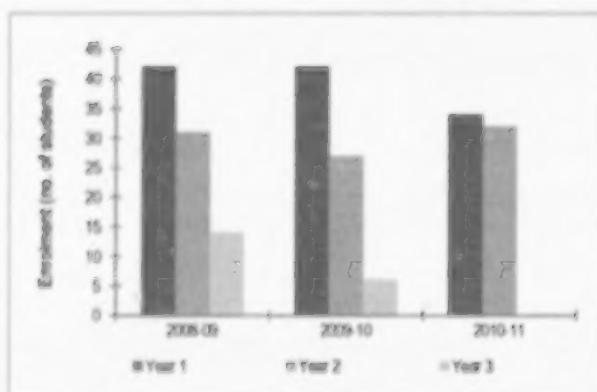
Three-year diploma program

The Business Administration Integrated program combines adult upgrading with the regular Business Administration program in a three-year diploma program. Graduates will move into a broad range of positions in business and industry.

Note: Business Administration Integrated graduates have been included with the regular Business Administration graduate figures.

19

Business Information Technology

Two-year diploma program

Business Information Technology (BIT) is a two-year program that provides a broad information technology foundation during the first year of studies before students enter one of the second year specialties: Application Development, Database, Network Management, and Web Development. All specialties provide training in three distinct areas: technical training, related business courses for understanding business systems, and practical applied training by industry project or paid co-op work term.
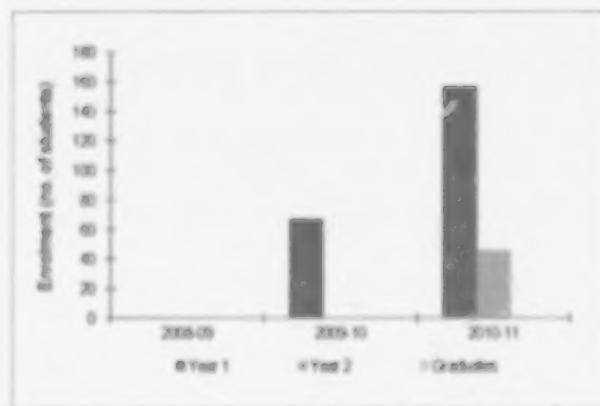
Commerce/Industry Sales and Marketing

One-year certificate program

Graduates will gain the knowledge of personal selling skills required for sales success and long term partnerships. An interactive communication process will focus on the identification, development and fulfillment of customer needs and wants. Some employment areas include manufacturing, industrial goods, distribution of office supplies and equipment, transportation services and consumer goods and services.
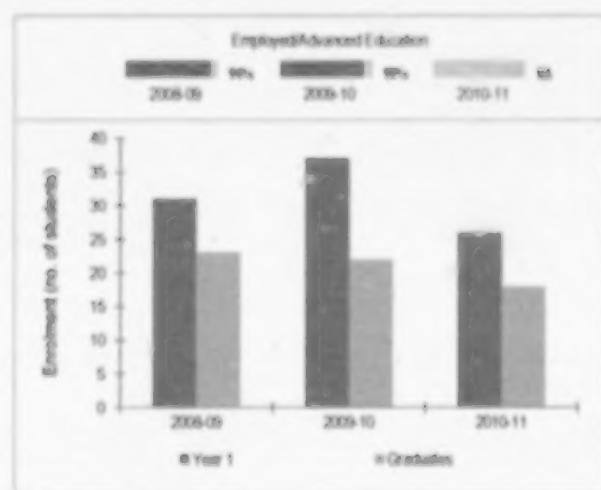
Computer Accounting Technician

One-year certificate program

Students obtain a thorough knowledge of accounting systems and procedures to enable them to maintain a complete set of records in most types of business. Graduates have found employment as accountants, assistants or accounting clerks in retail, manufacturing, service and not-for-profit organizations or companies.

Note: This program has been replaced by Applied Accounting.
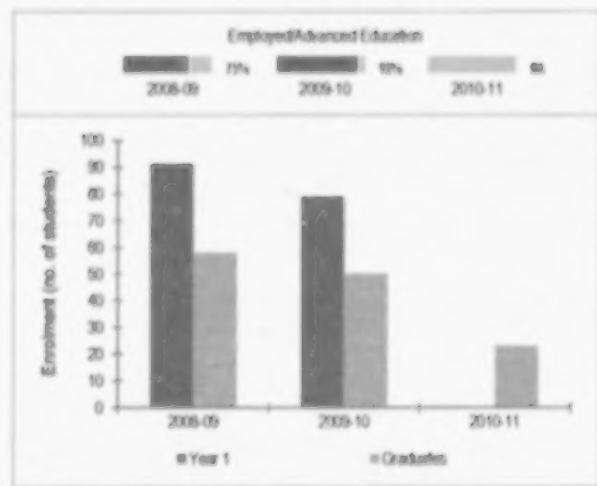
Computer Analyst/Programmer
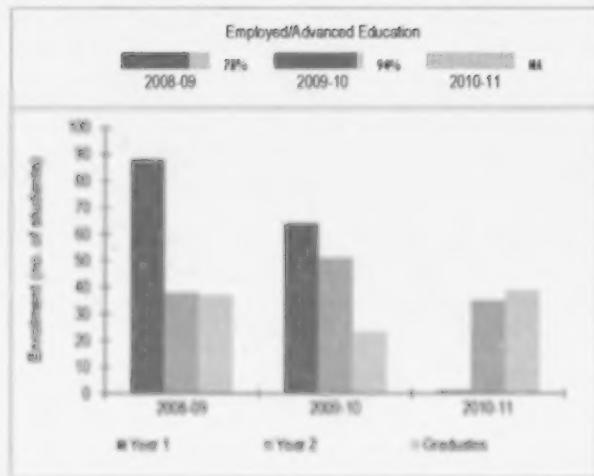
Two-year diploma program

The program is designed to develop proficiency in application development: including analysis and design, data base management and programming. The program includes technical computer courses and related business courses. The program provides in-depth training in several programming languages and development tools. Graduates have a highly developed technical skill set to assume entry-level positions in Information Technology in both the private and public sector.

Note: This program is being replaced by Business Information Technology.

Creative Communications
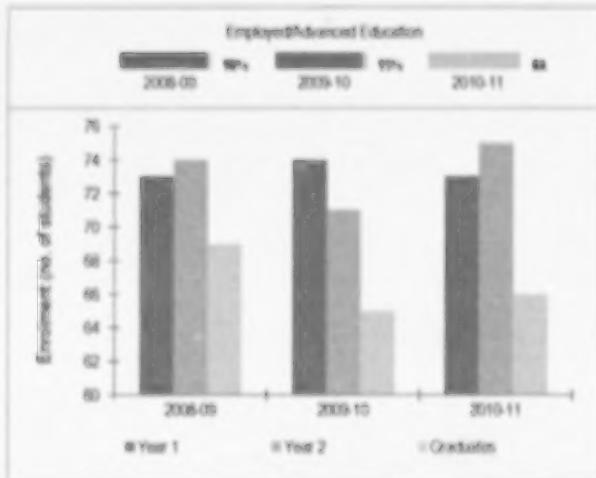
Two-year diploma program

This program is designed to give students the knowledge and skills to succeed in the communications fields of broadcast production, advertising, journalism, and public relations. Graduates have found employment as journalists in print, radio and television; broadcast production technicians; copywriters and media buyers in advertising agencies, radio and television stations; and public relations personnel in various companies and government agencies.

Note: Red River College, in cooperation with the University of Winnipeg, offers students the opportunity to pursue a combined Degree/Diploma in Communications.

Culinary Arts
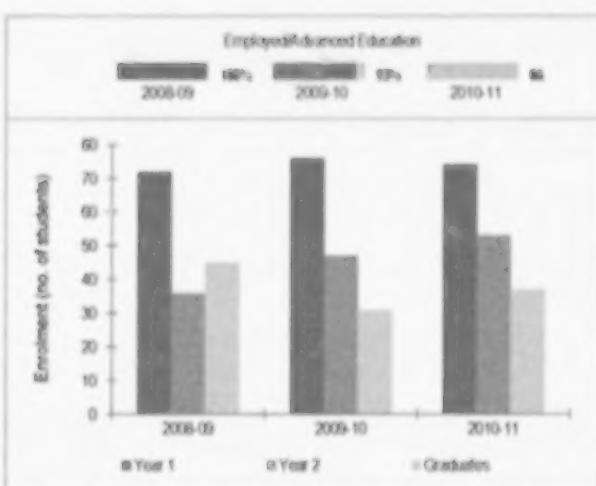
Two-year co-op education diploma program

Culinary Arts focuses on developing sound culinary skills to prepare students to meet the challenges of an increasingly sophisticated and demanding hospitality industry. The program includes two terms of paid employment in the kitchens of established hotels, restaurants or private clubs in Manitoba. Culinary Arts also incorporates the use of laptop computers as an integral part of learning and working.

21

Deaf Literacy

This part-time program encourages Deaf adults who are competent and proficient in American Sign Language (ASL) to learn better reading/writing skills through second language (English) approaches.
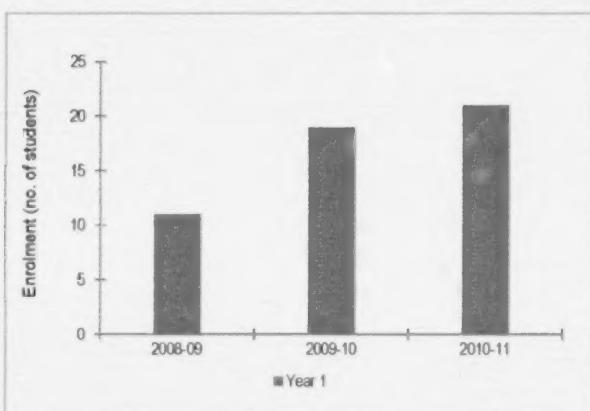
Deaf Studies

One-year certificate program

This program is designed to increase fluency in American Sign Language (ASL) and provide knowledge of Deaf culture and history. This program is suitable for anyone who requires language and culture fluency for effective interaction with Deaf individuals, as well as those who intend to apply for entry into an ASL/Interpretation program.
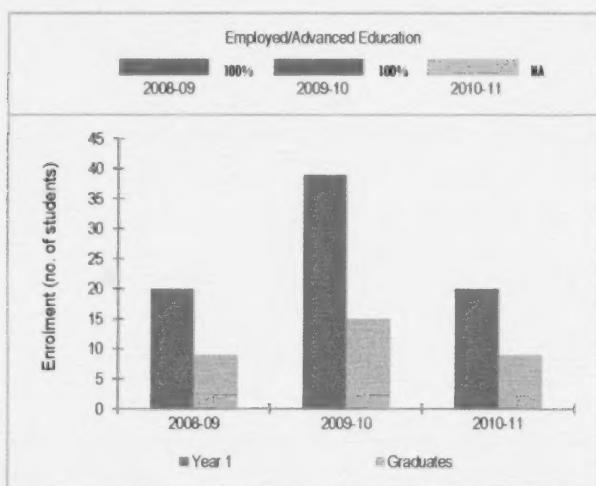
Digital Media Design

Two-year diploma program

This program provides up-to-date training in web design and development, digital video, 3D animation, motion graphics, and graphic design. It teaches both design fundamentals and technical skills, and encourages creativity, imagination, professionalism, and a strong work ethic.

Graduates of this program may find employment as web designers, interactive and CD ROM designers, 2D and 3D animators, video post-production technicians and broadcast graphics designers.
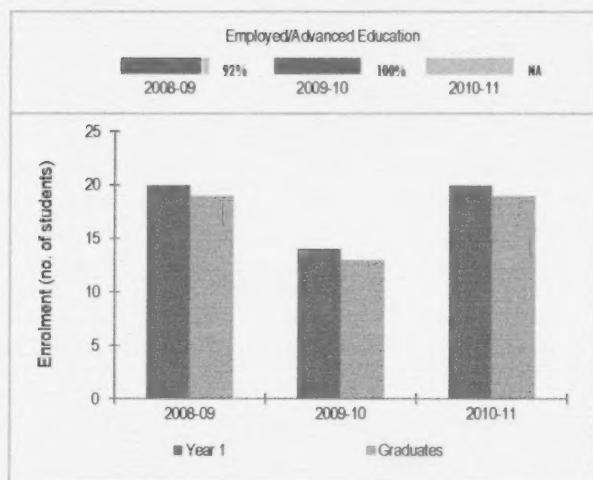
Graphic Design

Employed/Advanced Education

100% 2008-09   92% 2009-10   NA 2010-11

Enrolment (no. of students)

2008-09   2009-10   2010-11

■ Year 1   ■ Year 2   ■ Graduates
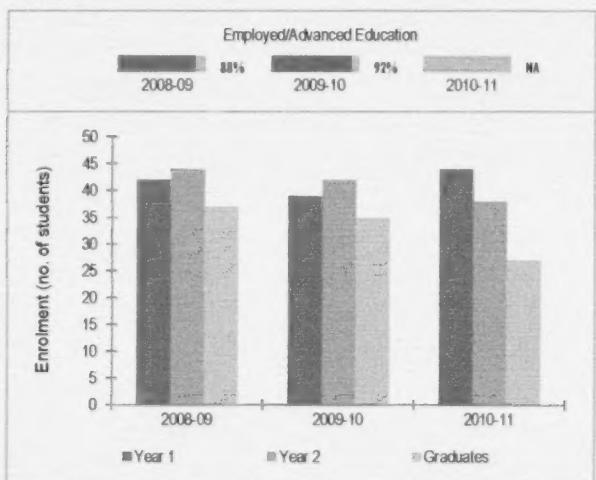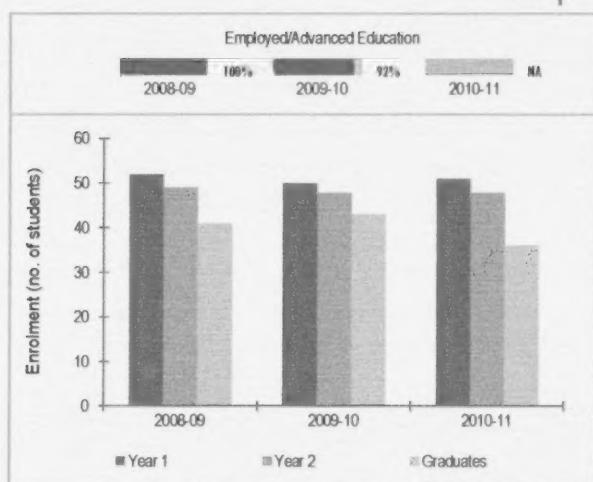
Two-year diploma program

This program provides up-to-date artistic training in the technology, techniques and philosophy of graphic design. Graduates of this program have found employment as production specialists, graphic designers, illustrators and art directors in retail stores, advertising agencies, design and production studios and newspapers. Others are working in television and film studios, and some are employed as freelance artists.

Graphic Design - Advanced

Employed/Advanced Education

92% 2008-09   100% 2009-10   NA 2010-11

Enrolment (no. of students)

2008-09   2009-10   2010-11

■ Year 1   ■ Graduates

One-year advanced diploma program

This program focuses on new skill requirements in areas such as advanced computer graphics, marketing and production management. Graduates may find employment in graphic design, 3D animation, interactive document and CD-ROM development, computer games development and internet web-page creation.

Health Information Management

Employed/Advanced Education

NA 2008-09   93% 2009-10   NA 2010-11

Enrolment (no. of students)

2008-09   2009-10   2010-11

■ Year 1   ■ Year 2   ■ Graduates
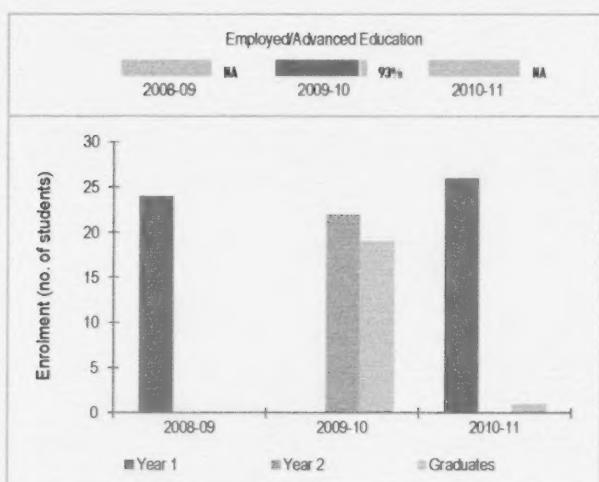
Two-year diploma program

This program develops the knowledge and skills needed for the collection, retention, analysis and dissemination of health care information required for patient care, research and education.

Note: This program has intakes every second year.

Hospitality and Tourism Management

Two-year diploma program

Hospitality and Tourism Management is a two-year (24 consecutive months) diploma program with a September entry date. Students will register into a common first year and, prior to entering second year, will select either the **Hotel and Restaurant Management** major or the **Tourism Management** major.

The common first year will provide a mix of general business courses as well as tourism and hospitality specific courses. This is intended to provide exposure to various aspects of the Hospitality/Tourism industry before selecting a second year major in either Hotel and Restaurant Management or Tourism Management.
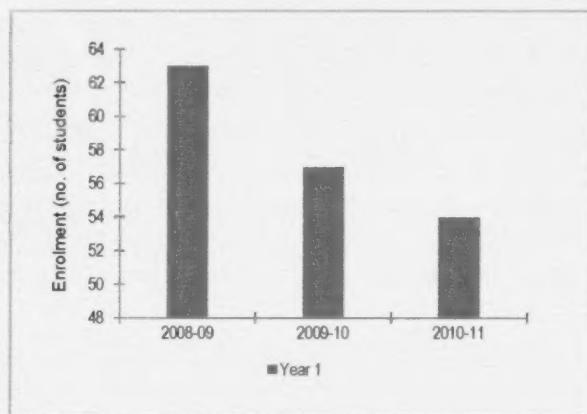
Hotel and Restaurant Management

Two-year diploma program

Students successfully completing the requirements of first year **Hospitality & Tourism Management** may choose to enter either the Hotel and Restaurant Management major or the Tourism Management major in their second year. The Hotel and Restaurant Management major will focus primarily on two of the eight tourism sectors - Food and Beverage and Accommodation. The courses are delivered from a supervisory or management perspective. The Hospitality Simulation offered in the final term is a capstone course requiring students to work in teams to resolve a variety of case studies, drawing on academic and work experience from previous terms.
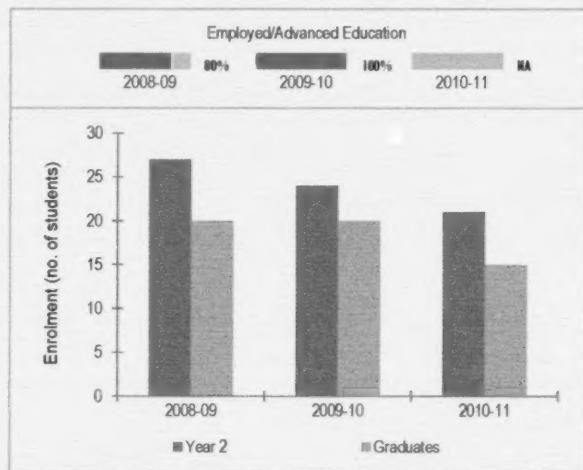
# Information Systems Technology

Two-year co-op education diploma program

This program provides students with a highly developed skill set in information technology. Its emphasis is on one of three specialty areas: Database Management, Web Development or Networking Management. Graduates will have a solid technical foundation in programming, database concepts, e-commerce applications and networking. Graduates are well positioned to fill entry level positions in their specialty area with the ability to become technical specialists in both the private and public sector.

**Note:** *This program is being replaced by Business Information Technology.*

International Business

Employed/Advanced Education

2008-09 80%   2009-10 88%   2010-11 NA
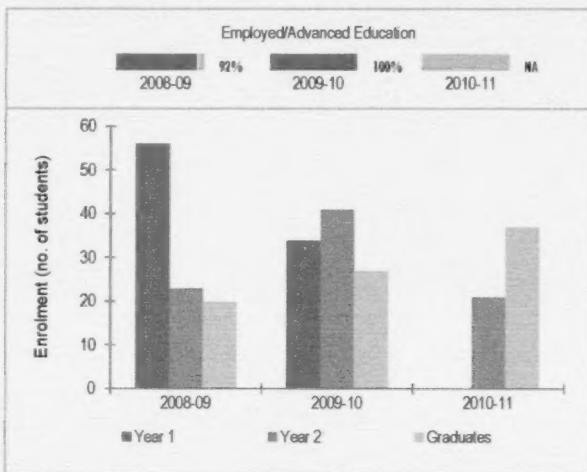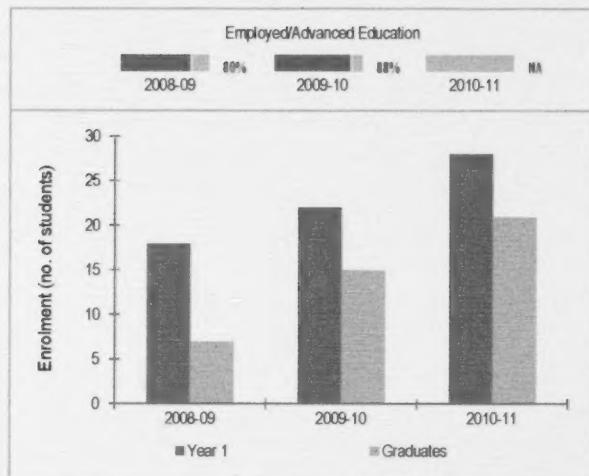
Twelve-month advanced diploma program

This program develops well-trained and qualified staff who are ready to meet the challenges of global competition in the international marketplace. Graduates have found a wide range of business, industry and organization career opportunities.

Introduction to Business Information Technology
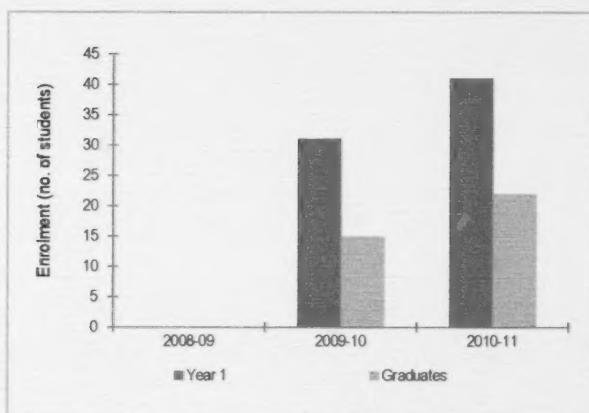
Four-month certificate program

This program is designed for applicants who do not meet the admission requirements for the two-year Business Information Technology (BIT) program. The program includes both preparatory courses and some Term 1 BIT courses which will reduce the Term 1 course load for those students continuing on into the BIT program.

Library and Information Technology

Employed/Advanced Education

2008-09 100%   2009-10 NA   2010-11 NA
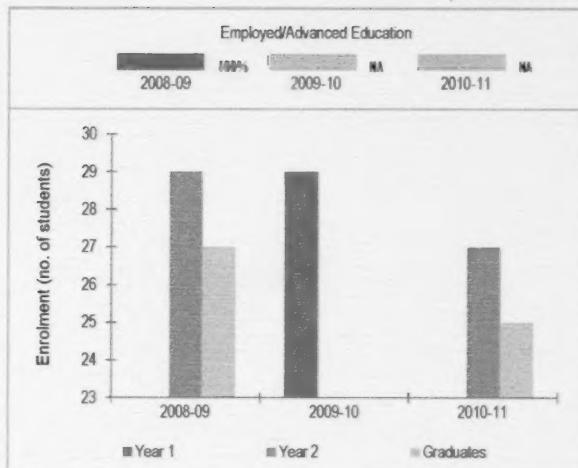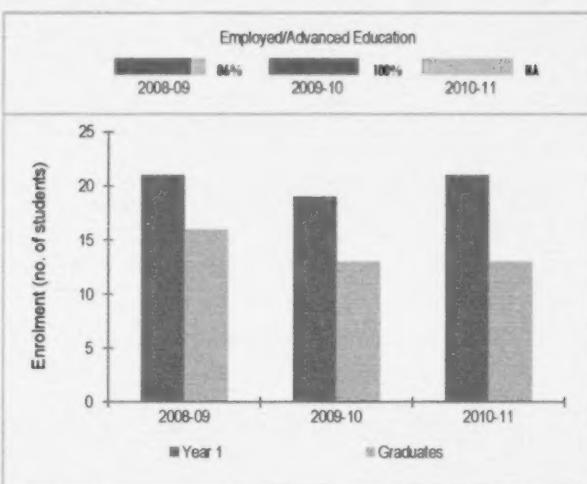
Two-year diploma program

Students learn the necessary public service and technical skills to be productive employees in library and related fields. Career opportunities exist in schools, public libraries, universities, colleges, provincial and federal government departments and agencies, industry, business and hospital or political research, book stores, utilities and publishing computerized information systems.

Note: This program has intakes every second year.

Professional Baking
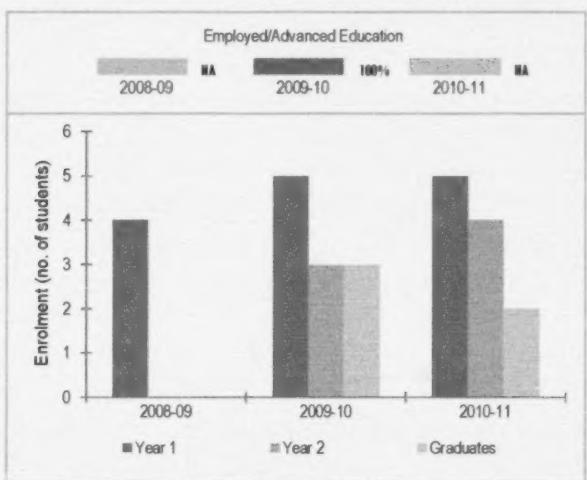
One-year co-op education certificate program

This program develops basic baking skills and related requirements through classroom instruction, practical lab training and off-campus work experience. A student begins employment as a baker's helper and may advance to a position as a competent tradesperson within approximately one year. Opportunities for employment exist in both large and smaller bakery operations.

Employed/Advanced Education

2008-09 84%	2009-10 100%	2010-11 NA

Enrolment (no. of students)

■ Year 1   ▒ Graduates

Technical Communication
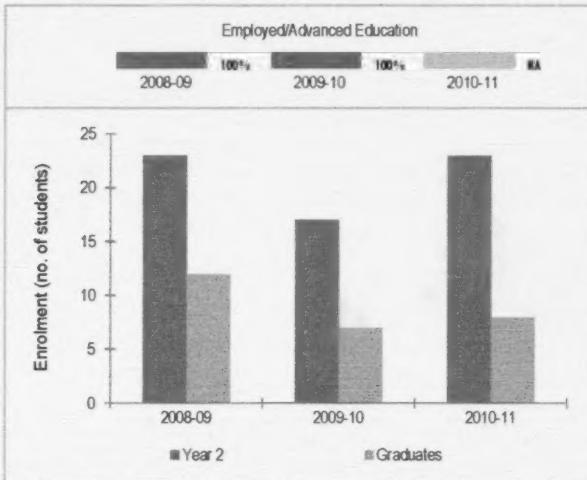
Two-year co-op education diploma program

Technical Communication involves communicating technical and scientific information to non-technical audiences. Technical communicators work in all industries, from mining and agriculture to aerospace. They create manuals, proposals, brochures, posters, journal articles, reports, newsletters, presentations, and many other types of documents. They use a variety of software to produce documents in a variety of media including video, websites, paper, and CDs.

Employed/Advanced Education

2008-09 NA	2009-10 100%	2010-11 NA

Enrolment (no. of students)

■ Year 1   ▒ Year 2   ▒ Graduates

Tourism Management

Two-year diploma program

Students successfully completing the requirements of first year **Hospitality & Tourism Management** may choose to enter either the Hotel and Restaurant Management major or the Tourism Management major in their second year. The Tourism Management major discusses elements of the tourism sectors, excluding accommodations and food and beverage. The program mix is intended to provide students with a broad picture of the tourism industry and the scope of employment opportunities available.

Employed/Advanced Education

2008-09 100%	2009-10 100%	2010-11 NA

Enrolment (no. of students)

■ Year 2   ▒ Graduates

School of Construction & Engineering Technologies

Dean Dale Watts
Room A134C, Phone: 632-2291,
Email: dwatts@rrc.mb.ca

This School comprises three departments: Civil Engineering Technology; Construction Trades; and Electrical Engineering Technology. The School provides trades, technology, and apprenticeship education and occupational training to support the Manitoba economy and infrastructure at certificate, diploma, advanced diploma, and degree levels.

School Highlights

The first cohort for the new Bachelor of Technology in Construction Management began their four-year program of undergraduate studies. This is the first College degree approved for delivery in the Province of Manitoba.

Four intakes of the five-month pre-employment classes in Plumbing, Electrical, and Carpentry officially replaced the 10-month programs in the Fall of 2010.

The Electrical Engineering Technology (EET) department introduced the "Technical Project and Report Writing" course aimed at new Manitobans wanting to join the workforce quickly. The 10-week course is supported by the Certified Technicians and Technologists Association of Manitoba (CTTAM).

A new Greenspace Management greenhouse and landscape construction shop was built at the Notre Dame campus.

The first-ever Hands-on Activity Week for Kids (H.A.W.K.) ran. The free camp is aimed at Aboriginal boys and girls 10-13 years old. Participants enjoyed cultural programming, along with afternoon activities that gave students an introduction to various skilled trades and technologies.

On National Steel Day, a Civil Engineering Steel Teaching Aid was unveiled at the Notre Dame campus. It was donated and installed by regional members of the Canadian Institute of Steel Construction. The 17-foot tall steel structure helps students visualize structural steel shapes and joints.

RRC acknowledged National Technology Week with its annual Pep Rally held for Mechanical, Electrical and Civil Engineering Technology students.

Skills Manitoba and CTTAM held their annual Model Wind Turbine Contest at RRC, as part of National Technology Week. Fifty-two Grade 9-10 students competed.

Electrical Engineering Technology conducted five interactive workshops (on instrumentation, microcontrollers, flash circuit boards, and wind turbines) for over 100 visitors during the RRC Open House.

The Canadian Technology Accreditation Board (CTAB) visited the Electrical Engineering Technology (EET) department at both Winnipeg campuses. EET earned high praise for its organization and facilities, and the Electrical, Electronics, and Instrumentation programs received national accreditation from CTAB for the next three years.
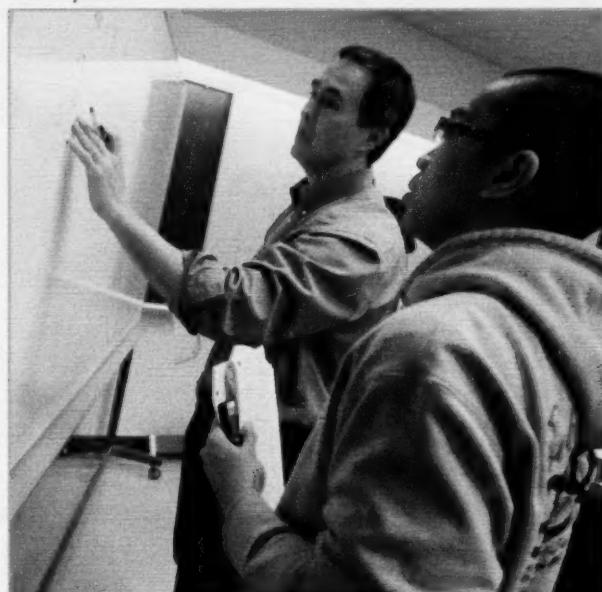
Two applied research projects got underway in RRC's new greenhouse, involving co-op work term students and industry partners. Overton Environmental Enterprises Inc. is conducting Eco-Tea (Aerated Compost Tea) trials and the College's Applied Research Department is conducting a passive solar heat storage wall study.

The School hosted an Applied Research Symposium to showcase current applied research projects led by Alex McIlraith, Liting Han, Saleh Mneina, Mohammed Aboofazeli, and Andrew Roncin.

Forty-five students from Peguis First Nation visited the Roblin Centre and participated in hands-on workshops conducted by Electrical Engineering Technology.

Technology Solutions (administered by Civil Engineering Technology) offered four bridging courses for the Construction Management program, and a Hydraulics bridging course for the Lakehead University post-RRC degree, along with eight specialty offerings. Their enrolments in the Spring 2011 Tech Solutions Water and Wastewater courses reached an all-time high.

Student Notable Achievements

Curtis McGowan, a Level 3 Cabinet Making apprentice, won the Architectural Woodwork Manufacturers Association of Canada (AWMAC) Cabinet Making provincial and national competitions.

Seven students (**Colin Richards, Collin Poley, Riley Forbes, Carl Pedersen, David Wiebe, Jordan Wishnowski** and **Fabio Fiorentino**) from the Civil Engineering Technology department competed in the annual Great Northern Concrete Toboggan Race in Edmonton. The RRC team placed eleventh of 21 teams, and won the "Best Braking System" award.

The 14th Annual Skills Manitoba Competition was held. Over 500 students competed in over 40 contests. RRC competitors earned 19 gold, 16 silver and 13 bronze medals. Gold medalists formed Team Manitoba and competed at the 17th Canadian Skills Competition in Quebec City.

The School of Construction and Engineering Technologies and the School of Transportation, Aviation and Manufacturing hosted their annual Technology Awards Reception. A total of $63,600 in scholarships and bursaries was awarded to 62 deserving students.

The 2010-11 Convocation Gold Medal winners were:

- **Michelle Lee Amigo** *Civil Technology (Structural)*
- **Fiona Jaye Haworth Hatherell** *Electrical Engineering Technology (Instrumentation)*
- **Eric Pierre Magne** *Electrical Engineering Technology*
- **Nick R. McClure** *Network Technology (CCNP)*
- **Kevin Scott Versteeg** *Greenspace Management*

Architectural Engineering Technology
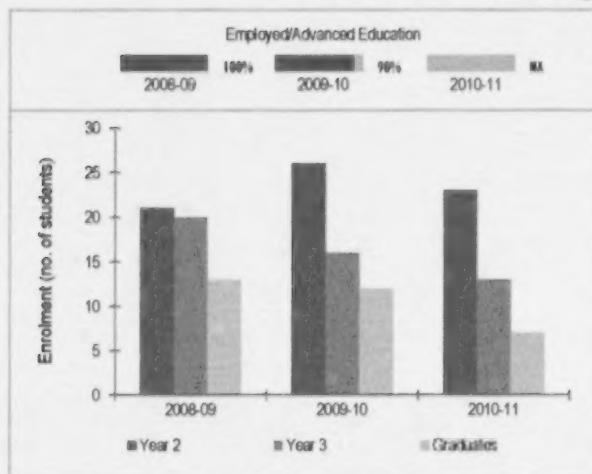
32-month co-op education diploma program

The program trains students to work with the engineering team in the design, detailing and preparation of contract documents for the construction of architectural and related building systems. Graduates have found employment with consulting and mechanical engineers, contractors, fabricators, architects and service industries, as well as with departments of municipal, provincial and federal government services.

Building Design CAD Technology
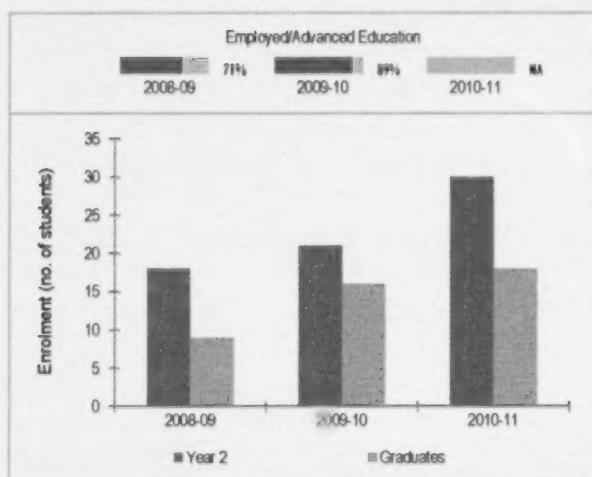
Twenty-month co-op education diploma program

The program builds on the principles of relevance and excellence to equip graduates with expertise in the latest technologies related to engineering construction systems. Building Design CAD Technology graduates are trained in the principles and applications of Architectural and Structural construction systems for careers in: CAD (computer aided drafting), design and construction of building systems, site inspection and supervision, contract administration and project co-ordination, technical sales and support, and building sciences.

Cabinetry and Woodworking Technology
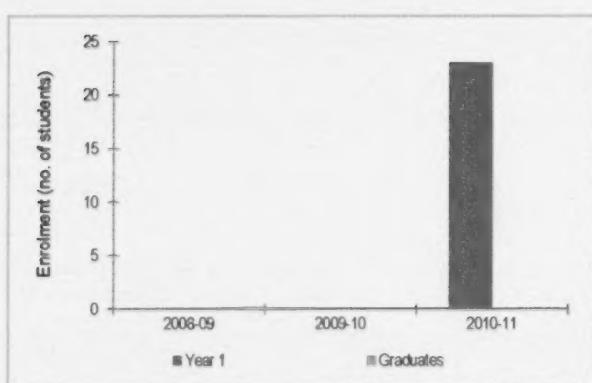
Two-year diploma program

Cabinetry and Woodworking Technology is a versatile program offering a variety of learning paths, career avenues, and a paid co-op work placement which provides the opportunity to experience the industry. Learning is fostered through a blend of workshop practice, classroom delivery, computer labs, advanced woodworking technologies, and manufacturing concepts and techniques. Students will complete a major group project that gives the students the opportunity to step into the real world of woodworking.

Note: This program has replaced the Wood Products Manufacturing Technology program.

29

Cabinetry and Woodworking - Certificate

One-year certificate program

This program provides the knowledge and skills required to work at an entry-level position in a cabinet or millwork shop.

Students begin by learning about the safe operation of tools and equipment used to produce cabinets, furniture, and other wood products. They learn the basics of construction and finishing techniques, materials and hardware, and blueprint reading. Students receive instruction about the functioning of today's woodworking industry and how to work in it.

Note: This program has replaced the Wood Products Manufacturing - Certificate program.
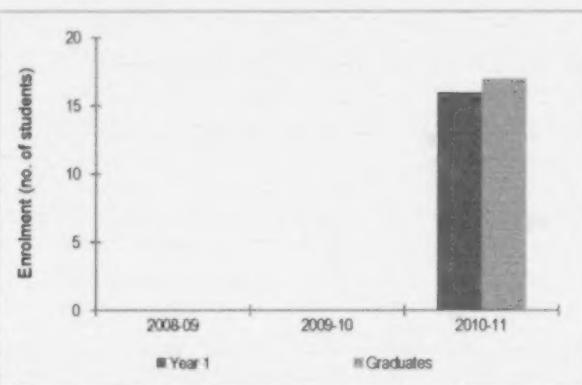
# Carpentry Five-Month Program

Five-month certificate program

Students develop a knowledge of woodworking machines, blueprint reading and sketching, and safe working practices and a familiarity with the materials and procedures needed to enter related occupations. Graduates acquire practical skills in framing, roofing, and surveying and have some exposure to concrete form construction. Graduates just starting in the trade can enter the apprenticeship program.
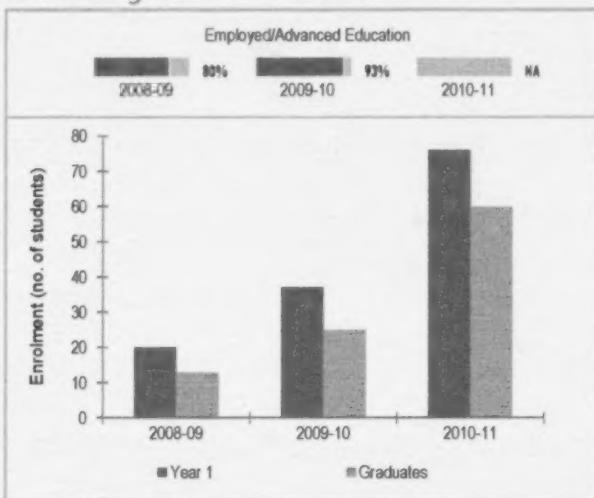
Civil Engineering Technology

Civil Engineering Technology offers a number of programs designed to provide students with career training in construction engineering, environmental protection, geomatics, and CAD technologies, as well as Professional Development courses. All Civil Engineering Technology students are registered in a common first year of academic studies, with a September entry date, where the emphasis is placed on developing generic core competencies.
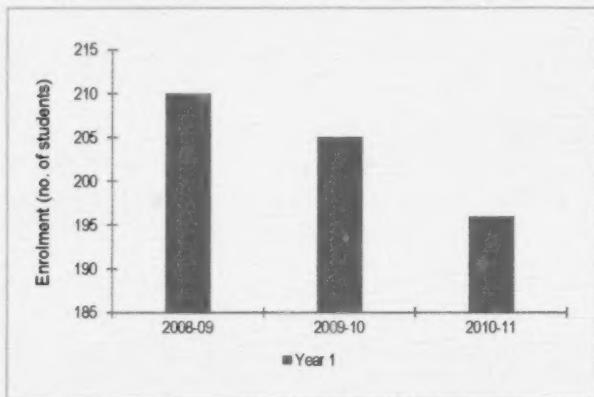
Construction Management
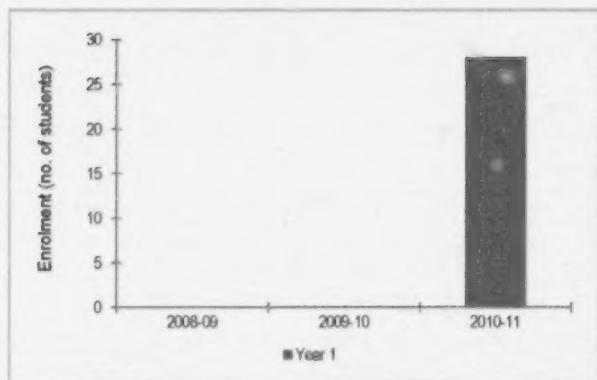
Four-year degree program

This degree program focuses on the management skills needed in heavy, industrial and commercial, and residential construction. Students develop managerial expertise and are working in the skilled trades, engineering, or engineering technologies.

Students learn how to work effectively in all construction management settings. Program learning outcomes comply with codes, laws, and regulations while respecting sustainable environmental practices.

Note: 2010-11 was the first year for this program.

Electrical Five-Month Program
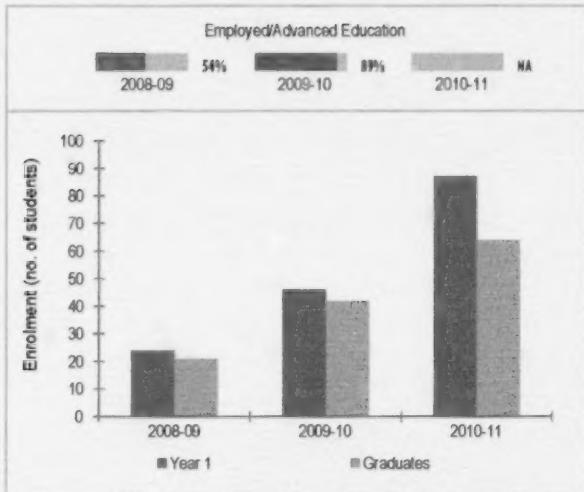
Five-month certificate program

Students of this program develop the knowledge and skills required for employment in the electrical construction industry, public utilities, motor repair facilities, plus manufacturers and distributors of electrical equipment. Graduates have knowledge in the fundamentals of electricity, electrical codes, wiring practices, and trade safety awareness.

Electrical Engineering Technology
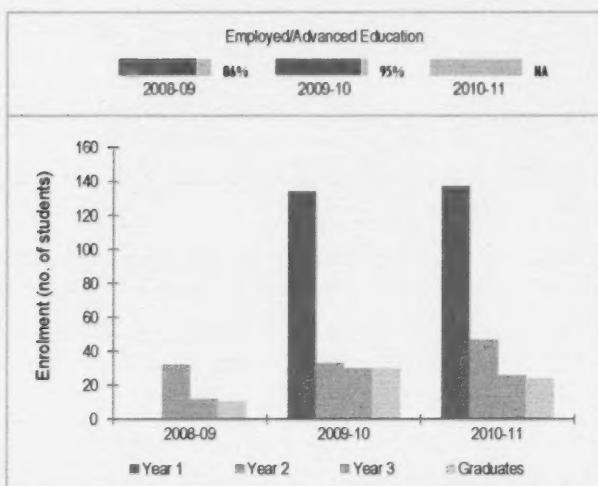
28-month diploma program

This program trains students to design, construct, troubleshoot and maintain a wide variety of electrical power systems. Graduates find employment at the engineering technologist level in electrical utility systems, consulting engineering, electrical manufacturing, electrical contracting, manufacturing and government agencies.

Note: The Electrical Engineering Technology program group consists of Electrical, Electronic, and Instrumentation Engineering Technology. Students who successfully complete the first year of studies in Electrical Engineering Technology may remain in their program or transfer into one of the other programs in Year 2.

31

Electronic and Network Technician

One-year certificate program

This program develops graduates with a sound knowledge of electrical and digital fundamentals including an expertise in computer servicing, network design, installation and maintenance. Graduates have found employment in automated factories as installer and maintenance staff, as well as medical electronics, computer services and public utilities.
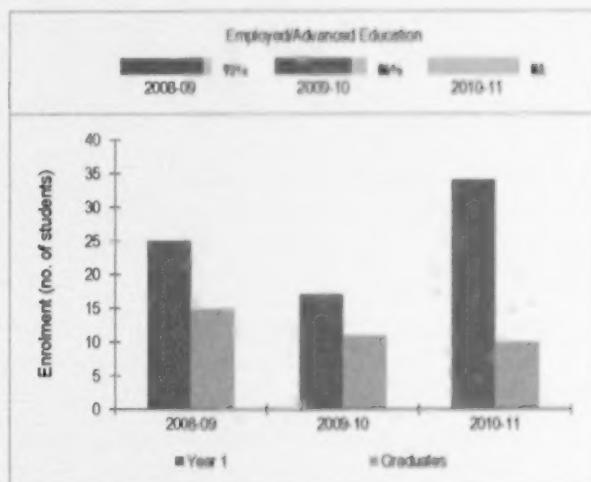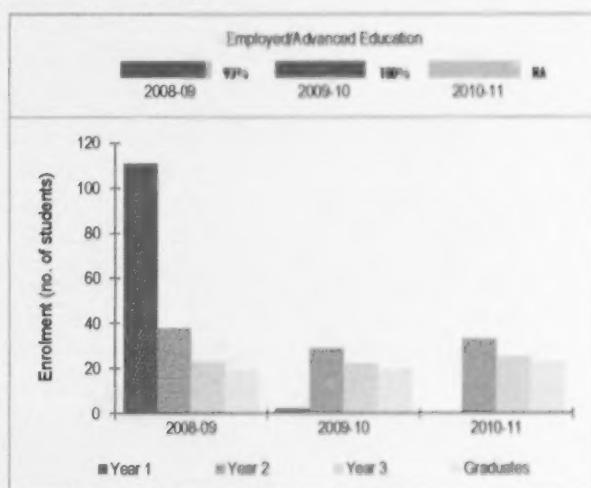

Electronic Engineering Technology

28-month diploma program

This program develops the knowledge and skills required to test, repair and develop a wide variety of electronic systems and equipment. Graduates find employment in a broad range of electronics-related occupations: in research and development; assisting in project development; in technical sales, selling and servicing electronic equipment; and in design and quality control.

Note: Electronic Engineering Technology requires one preliminary year of Electrical Engineering Technology studies.

Electrical/Electronic Engineering Technology Integrated

Three and one-half year diploma program

This program is designed for applicants who do not meet the regular admission requirements of the three and one-half year **Electrical Engineering Technology** program or who choose to take it over four years. The integrated program is designed to provide a broad background so graduates are prepared to enter one of the many challenging jobs in aerospace, communications, manufacturing, healthcare, power and network utilities, or other areas in the electrical/electronic sector.

Note: In year 3, students will move to Electrical, Electronic, or Instrumentation Engineering Technology..

32
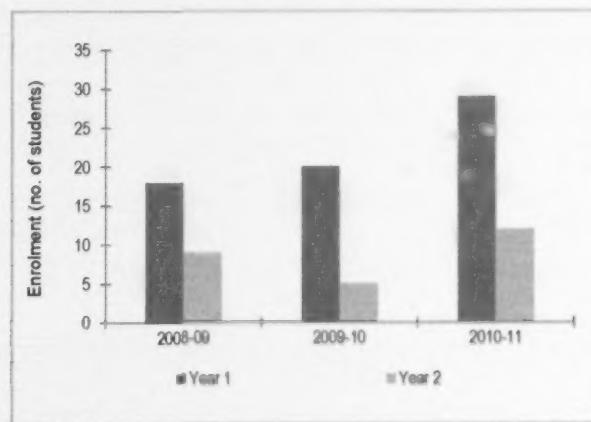
Environmental Protection Technology
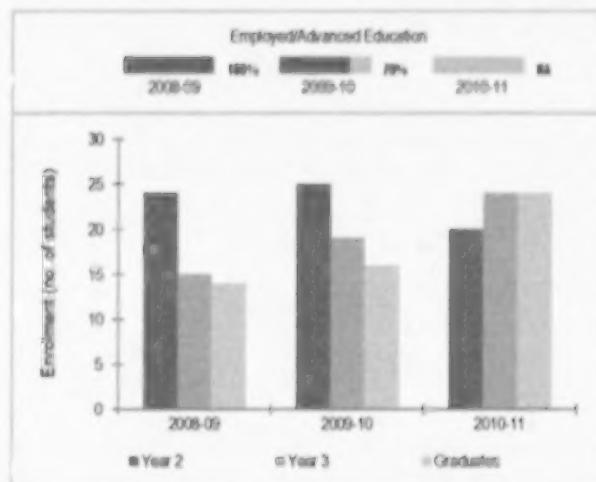
32-month co-op education diploma program

Students develop knowledge and skills in the principles and applications of Environmental Protection Technology for careers in waste disposal and water supply, reuse and recycling, workplace health and safety, integrated project management site reclamation, remediation and containment testing, quality control surveying, and global positioning systems and modeling. Graduates find employment with consulting engineering firms, resource-based industries, construction and development companies, inspection and testing agencies, manufacturers, material suppliers, governments and crown corporations.
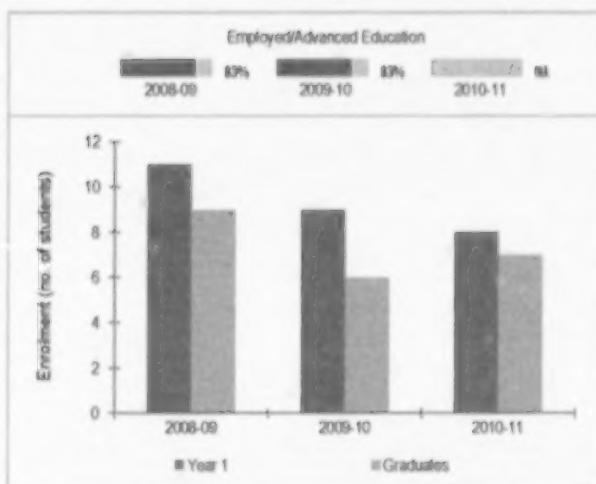
Geographic Information Systems (GIS) Technology

One-year advanced diploma program

This program provides trained technologists and other persons with the technical and conceptual skills in the design, development and implementation of Geographic Information Systems (GIS). Graduates find employment in municipal agencies, resource industries and utilities organizations. An appropriate undergraduate diploma or degree is a prerequisite for entry into this program.

Geomatics Technology
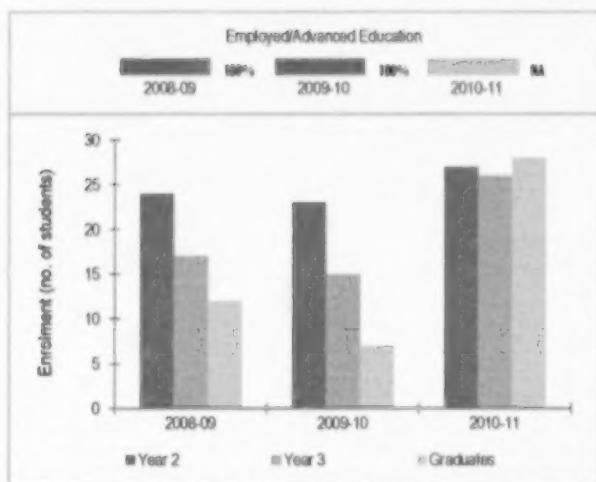
32-month co-op education diploma program

Students obtain knowledge and skills in the legal and engineering surveying fields. Graduates have found employment in a range of construction and resource industries, and in government services. They have been hired for jobs in land surveys, construction and topographic surveys, mining surveys, hydrographic and geodetic surveys.

Greenspace Management

30-month co-op education diploma program

Students develop the knowledge and skills required to construct and maintain greenspaces such as parks, golf courses and cemeteries. The program focuses on turfgrass construction and management, ground construction and maintenance, equipment operation, pesticide application, irrigation systems, horticulture, arboriculture, computers, office management and strategic planning. Graduates find employment in golf courses, departments of parks and recreation, and cemeteries.

Instrumentation Engineering Technology

28-month diploma program

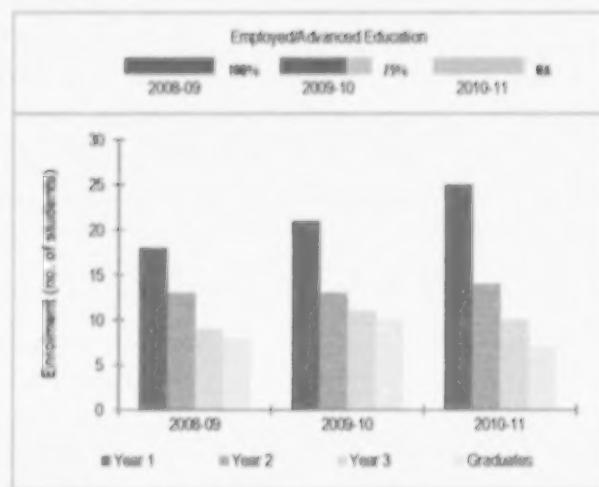Students learn to design, construct, troubleshoot and maintain a wide variety of control systems. Graduates find employment as instrument mechanics, working with tools; as instrument technologists in engineering offices; as junior designers; and as technical sales people. Some graduates have moved into management positions.

Note: Instrumentation Engineering Technology requires one preliminary year of Electrical Engineering Technology studies.
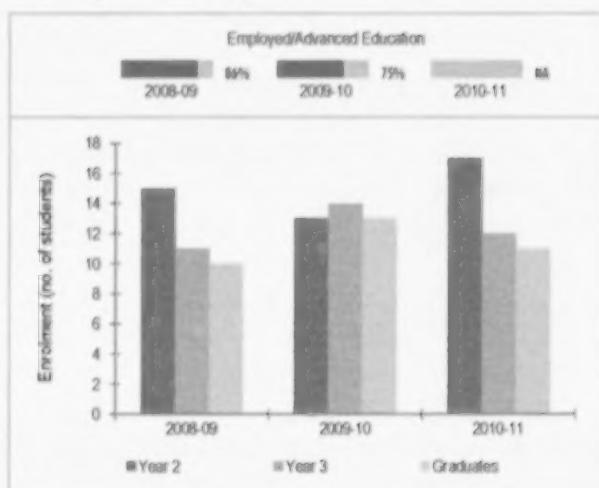
Municipal Engineering Technology

32-month co-op education diploma program

This program develops the knowledge and skills needed to assist in the design and construction of municipal services and roadways. Graduates have found work with consulting and engineering companies, government departments and agencies in the design and construction of sewer and water projects, highway projects, earth-retaining and hydraulic structures. Others are employed in equipment and material sales and in the research and manufacture of construction-related products.
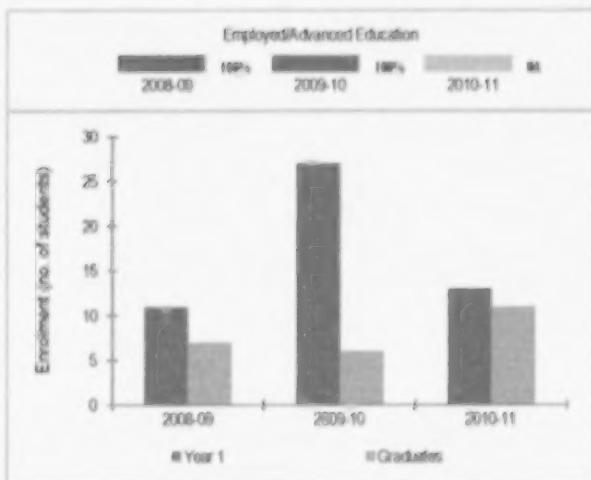
34

Network Technology (CCNA) Certificate

One-year certificate program

This program is intended for entrants who have worked with computer networks and who have more than a basic knowledge of computer systems. This multidisciplinary program encompasses courses covering a range of topics from windows client and server operating systems, computer hardware, advanced networking, network cabling, Unix, wireless networks, VOIP, and network security.

Network Technology (CCNP) Certificate
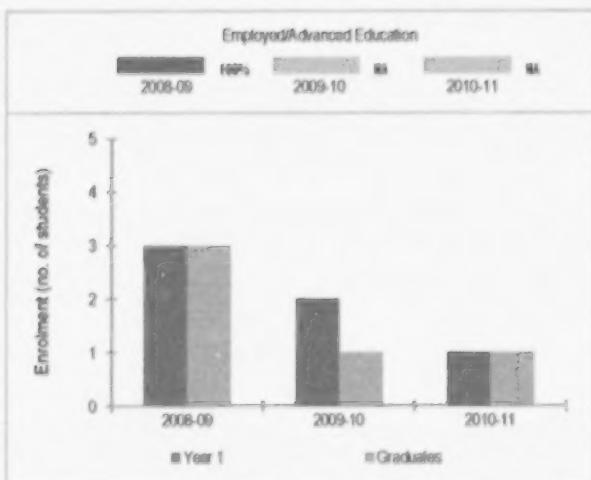
One-year certificate program

This program is intended for entrants who have worked with computer networks and who are certified as CCNA. This multidisciplinary program encompasses courses covering a range of topics including windows client and server operating systems, computer hardware, advanced networking, network cabling, Unix, wireless networks, VOIP, and network security.

Network Technology (CCNP) Diploma
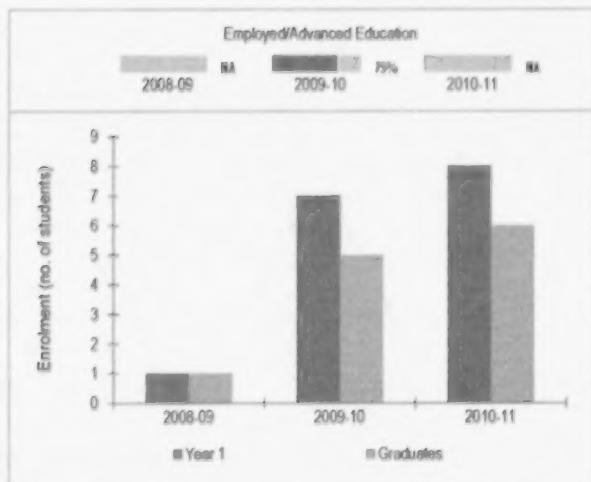
One-year diploma program

This program is intended for entrants who have completed the Electronic and Network Technician certificate program. This multidisciplinary program encompasses courses covering a range of topics including windows client and server operating systems, computer hardware, advanced networking, network cabling, Unix, wireless networks, VOIP, and network security.

35

Plumbing Five-Month Program

Five-month certificate program

This program provides the knowledge and skills required to install and repair piping systems in residential and commercial buildings. Students learn to install and repair water and waste disposal systems and plumbing fixtures, and to lay out sanitary drainage, venting, and storm drainage systems. Emphasis is placed on the efficient and safe use of tools and materials in accordance with piping, safety and building codes and regulations.
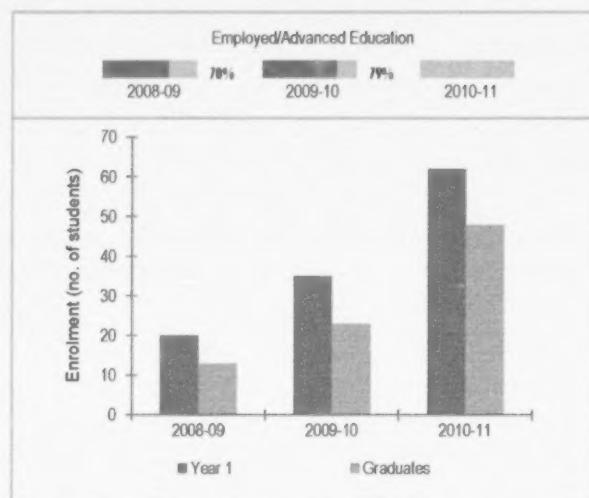
Refrigeration and Air Conditioning Technician

One-year certificate program

This program develops the skills required to install, service and repair commercial and industrial refrigeration and air conditioning equipment. Graduates find employment with refrigeration and air conditioning companies as apprentices or as customer consultants in refrigeration retail stores. Journeypersons work mainly in the construction of cooling plants and cooling cabinets and in the maintenance field for refrigerated vans, hockey rinks, food retailers, air conditioners and industries demanding cold temperatures for their processes.
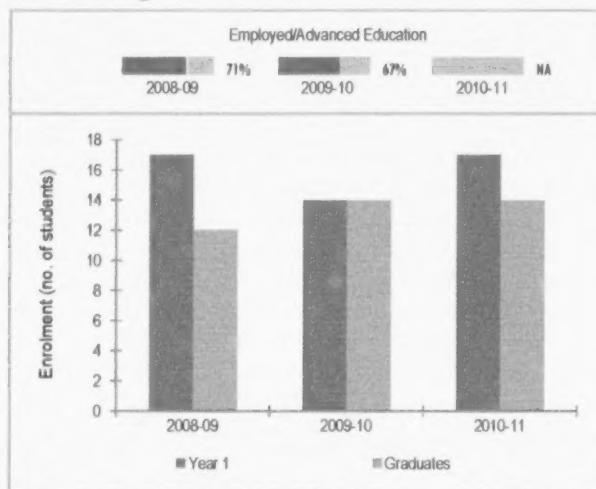
Structural Engineering Technology

32-month co-op education diploma program

This program provides the knowledge and skills needed to work with the engineering team in the formulation and calculations for structural building systems. Graduates have found job opportunities in structural design and inspection with consulting engineering firms, contractors or government departments.

Wood Products Manufacturing - Certificate

Employed/Advanced Education

NA	50%	NA
2008-09	2009-10	2010-11

Enrolment (no. of students)

14, 12, 10, 8, 6, 4, 2, 0

2008-09 — 2009-10 — 2010-11

■ Year 1   ■ Graduates
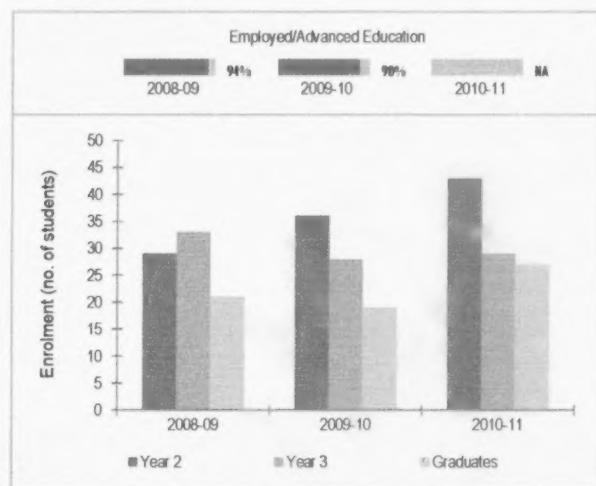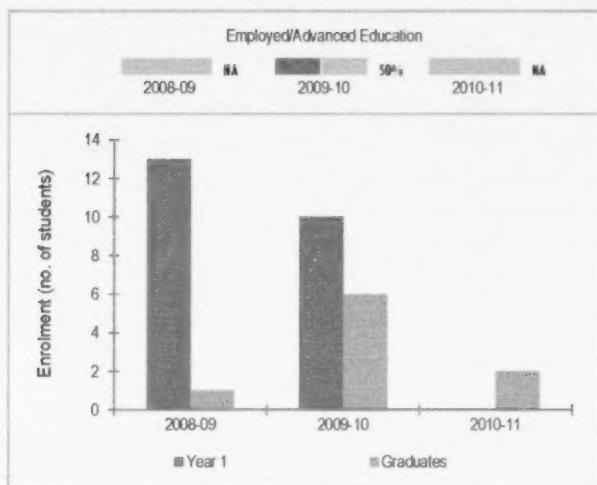
Thirteen-month certificate program

This program develops the knowledge and skills required to operate basic wood processing machinery and tools. Graduates find employment in the wood processing industries as wood machinists, cabinet-makers, assembly-line workers and in sales and supply of wood products.

Note: *This program has been replaced by the Cabinetry and Woodworking - Certificate program.*

Wood Products Manufacturing Technology - Diploma
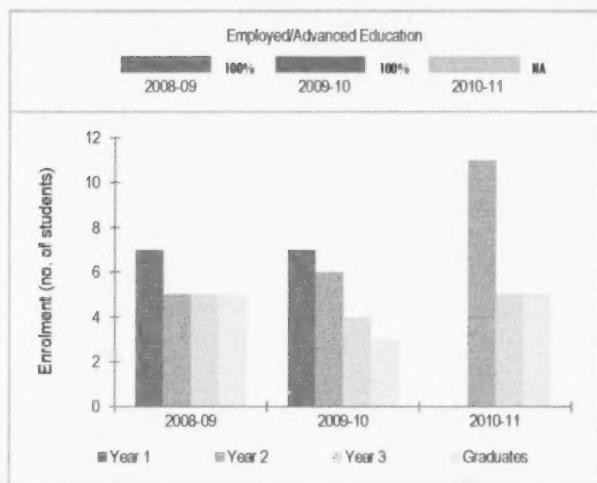
Employed/Advanced Education

100%	100%	NA
2008-09	2009-10	2010-11

Enrolment (no. of students)

12, 10, 8, 6, 4, 2, 0

2008-09 — 2009-10 — 2010-11

■ Year 1   ■ Year 2   ■ Year 3   Graduates

32-month co-op education diploma program

This program develops the knowledge and skills required to operate basic wood processing machinery. The program focuses on wood science, computer operation, CAD/CAM, basic jig and fixture design, machining, woodworking techniques, CNC machine operation and programming, cost estimation and supervisory management. Graduates find employment in the wood processing industries as wood machinists, cabinet-makers, supervisors, shop managers, product designers, CAD/CAM operators/programmers, in sales and supply of wood products and in estimating.

Note: *This program has been replaced by Cabinetry and Woodworking Technology.*

School of Health Sciences & Community Services

Dean Louise Gordon
Room A134, Phone: 632-2215,
Email: lgordon@rrc.mb.ca

This School consists of four departments: Allied Health Sciences, Community Services, Life Sciences and Nursing. These departments offer baccalaureate degrees, advanced diploma, diploma and certificate programs. As well, the School is involved in a number of community and health education partnerships with external agencies.

School Highlights

In the fall of 2010 the Bachelor of Nursing (BN) Program began at RRC with 225 Year One students. In the spring of 2011 approval for Years 2 and 3 of the program was given by the College of Registered Nurses of Manitoba

Allied Health Sciences organized an orientation to Health Careers day for Children of the Earth School where interested students were provided with information on all health programs offered by RRC.

The Medical Radiological Technology program received a two-year accreditation status from the Canadian Medical Association.

Janet Jamieson, Chair of Community Services, and Christopher Basarowich, Manager of ETV travelled to Switzerland, Egypt and Pakistan to film interviews and programs for the Aga Khan Development Network (AKDN) version of the Science of Early Child Development (SECD). A great deal of powerful international footage has been acquired which will be use in the AKDN and international versions of SECD.

The first Community Services student symposium was held in January. Students and faculty attended this full day event. The day included plenary sessions, panel presentations, and workshops. Workshops presented by faculty covered topics such as attitudes around body image, Children's Rights, Mindfulness for front-line practitioners, mothers' experiences with children with disabilities and social networking with at-risk teens.

Marc Battle and Anne-Marie Rundle are the instructors for a new ECE program delivery in partnership with Urban Circle. This is a culturally contextualized program with instructors working closely with a life skills coach, Elders and neighbourhood Child Care Programs.

Six ECE courses were delivered in one-week sessions to Aboriginal Head Start and child care staff, both on and off-reserve groups, from communities throughout the province. These courses were sponsored by Health Canada.

Significant equipment acquisitions included:

- A decommissioned Scanner from National Research Council Canada Institute for Biodiagnostics was donated to the MRI program ($300,000).

- Cobas c311 and e411 chemistry analyzers were donated by Roche Diagnostics for the development of a new pilot Chemistry Discovery Simulation Lab ($290,000).

- The Medical Radiologic Technology Program completed a new x-ray room, acquired a new x-ray table, and installed a surveillance camera system in all x-ray lab rooms ($355,000).

- Major renovations and expansion of the Nursing Skills Labs began in June of 2011.

Students from Animal Health Technology, Dental Assistant, Medical Radiological Technology, MRI, PCP and Diploma Nursing Accelerated achieved average scores that were higher than the national or provincial average on their respective licensing exams.

Staff Notable Achievements

Louise Gordon chaired the Canadian Medical Association's (CMA) first ever international accreditation survey, which reviewed the College of the North Atlantic's Medical Radiological Technology program in their campus in Doha, Qatar.

Louise Gordon is on the CMA's Conjoint Committee on Accreditation. She finished the first year of a two year term as President of the Canadian Association of Allied Health Programs (CAAHP). She is on the Collaborative Forum on Health Sciences Education and the Canadian Association of Medical Radiation Therapists' Education Advisory Committee. Louise has been a working group member of the Association of Canadian Community College's "Sustaining an Allied Health Workforce" project.

Bill Younger is President of the Manitoba Association for Med Lab Sciences.

Michele Sykes is Vice President of the Manitoba Association for Med Lab Sciences.

Lorraine Gendre is the Provincial Representative on National Standard for Assessment of Internationally Educated Med Rad Techs (IEMLTS) Credentials Committee (CAMRT).

ECE faculty **Kelly Andrushko** has passed her PhD proposal and is currently engaged in her research. Kelly also received the Graduate Research Bursary awarded by the Manitoba Child Care Association.

Dawne MacKay-Chiddenton was appointed Secretary for the newly formed Child and Youth Care Accreditation Board of Canada.

Janet Jamieson and **Mia Elfenbaum** were in Montreal for the Society for Research in Child Development (SRCD) Teaching Institute (March 30). They presented a session with Dan Keating, University of Michigan and Jane Bertrand, George Brown College on integrating text and media resources to enhance child development courses from entry to a graduate level.

Ruth Lindsey-Armstrong chaired the first Early Childhood Education Nature Summit in Manitoba. She also facilitated two Workshops on Science at the Manitoba Child Care Association Conference; "Edible Science with Children" and "Science is Everywhere".

Marc Battle was a keynote speaker at the ACCC-ECE Affinity Forum Conference in Vancouver.

Marc Battle and **Kim Hanna** presented at the National Child Care Conference in New Brunswick in May.

Kelly Andrushko had a poster presentation; "Teaching about children's body image, eating, and physical activity' at the National Council of Family Relations in Minneapolis.

Simulation Lab enhances Medical Laboratory Sciences training

Sue Narozniak presented as the Guest Speaker at the National AGM for the Canadian Association for Young Children.

Mia Elfenbaum presented the Science of ECD at the "Zero to Three" conference in Phoenix Arizona. Approximately 350 delegates attended this presentation.

Michele Henderson was named Manitoba's representative on the Canadian Child Care Federation.

Janet Jamieson is on the National Steering Committee of the ACCC ECE Affinity Group. Janet Jamieson is also on a National Advisory Group for a Child Care Human Resources Sector Council project looking at a National Curriculum for Child Care Administrators.

Karen Wall presented the new BN Program at the Community College Baccalaureate Association annual meeting in San Diego.

Instructor **Joanne Loughery** is the President and Chair of the Board of Directors of A Port in the Storm, a charitable organization whose purpose is to develop and provide suitable housing for northern and rural Manitobans undergoing cancer treatment in Winnipeg.

Instructor **Jennifer Otto** is a member of the Canadian Nurses for Health and the Environment.

Karen Wall is on the Manitoba Nursing Advisory Council, an advisory committee to the Minister of Health on nursing.

Liz Polakoff is the Chair of the Investigations Committee of the College of Registered Nurses of Manitoba.

Eight members of the nursing faculty began graduate studies in the 2010-2011 academic year.

Student Notable Achievements

The ECE program was asked to work on re-designing the Elmwood Day Nursery, which had been completely destroyed in an arson fire. ECE Workplace students did the design as an assignment. The blueprint drawings were passed along by the City of Winnipeg and in turn to George Wildeman, an instructor in the CAD department at RRC. The students culminated the assignment by presenting their blueprint drawings in class to the staff of EDN.

As part of their practicum experience, Child and Youth Care students assisted with a prevention program called "White Wolf Speaking." They visited elementary schools to educate children regarding sexual exploitation.

Chanse Kornik, a Dental Assisting student, was presented with a Manitoba Aboriginal Youth Achievement Award.

The 2010-11 Convocation Gold Medal and Lieutenant Governor Medal Award recipients were:
Gold Medal winners:

- **Holly Renee Banman** *Disability and Community Support*
- **Cindy Lynn Gagnon** *Child and Youth Care*
- **Luke Sadler** *Early Childhood Education*
- **Ken Fakharuddin** *Chemical and Biosciences Technology*
- **Tannis Froese** *Medical Laboratory Sciences*
- **Sarah Katharina Shaver** *Medical Radiologic Technology*
- **Laura Ashley Tschetter** *Animal Health Technology*
- **Kristi Lynn Friesen** *Diploma Nursing (Accelerated)*

Lieutenant Governor Medal winner:

- **Lisa Joy Balcaen** *Early Childhood Education*

Animal Health Technology

Employed/Advanced Education

2008-09	2009-10	2010-11
100%	100%	NA

Enrolment (no. of students) by year: 2008-09, 2009-10, 2010-11. Legend: Year 1, Year 2, Graduates.
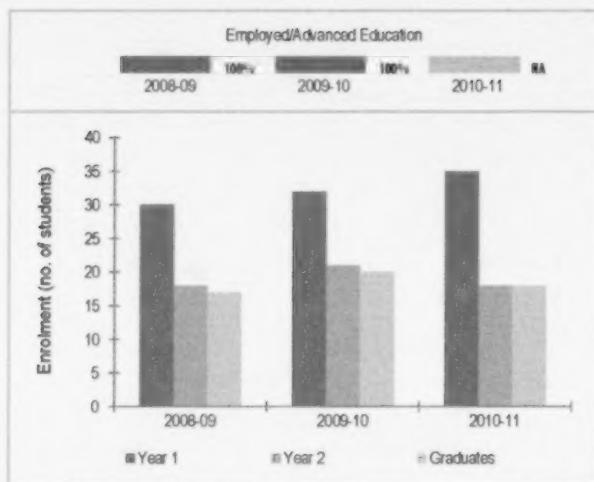
Two-year diploma program

This program prepares students to develop the knowledge and skills required to be a member of the animal health care team. Graduates find employment in private veterinary practices, farm production units, research laboratories, zoological collections and the federal or provincial governments.

Chemical and Biosciences Technology

Employed/Advanced Education

2008-09	2009-10	2010-11
100%	73%	NA

Enrolment (no. of students) by year: 2008-09, 2009-10, 2010-11. Legend: Year 1, Year 2, Graduates.
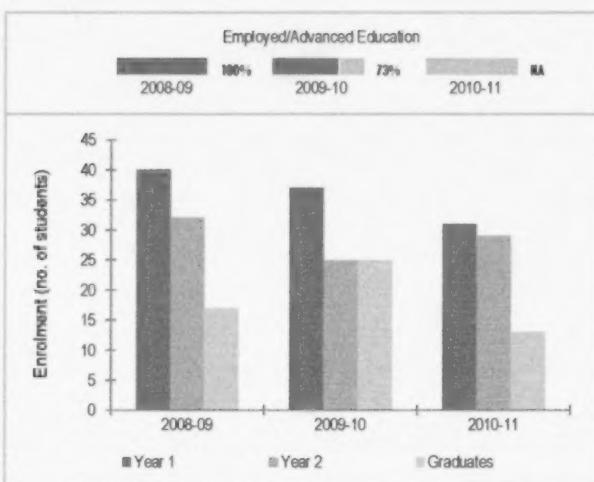
Two-year co-op education diploma program

This program prepares students to have the knowledge and skills required to work as technologists in the industrial biosciences, chemical/life sciences fields. Graduates find employment as technologists in the following areas: analytical analysis, research, quality assurance and biotechnology.

Child and Youth Care

Employed/Advanced Education

2008-09	2009-10	2010-11
91%	100%	NA

Enrolment (no. of students) by year: 2008-09, 2009-10, 2010-11. Legend: Year 1, Year 2, Graduates.
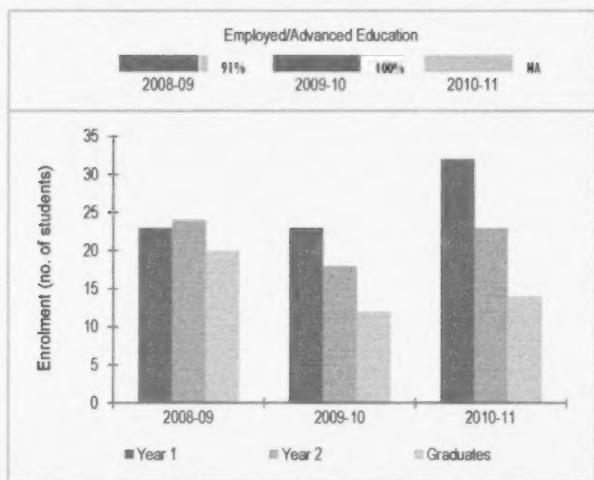
Two-year diploma program

This program provides the skills to enable graduates to help children, youth and their families develop strengths and skills to identify and resolve concerns in their lives. Child and Youth Care practitioners work in a wide range of settings with children and youth experiencing behavioural and/or emotional difficulties. The need for child, youth and family support expands in response to the multiplicity of social and economic issues affecting communities.

Dental Assisting - Level 2

One-year certificate program

This program is designed to develop the skills required to assist dentists in all dental procedures, such as mixing materials and preparation of instruments, operatories and working with patients. Graduates find employment in private dental offices, large clinics and in government public health programs.
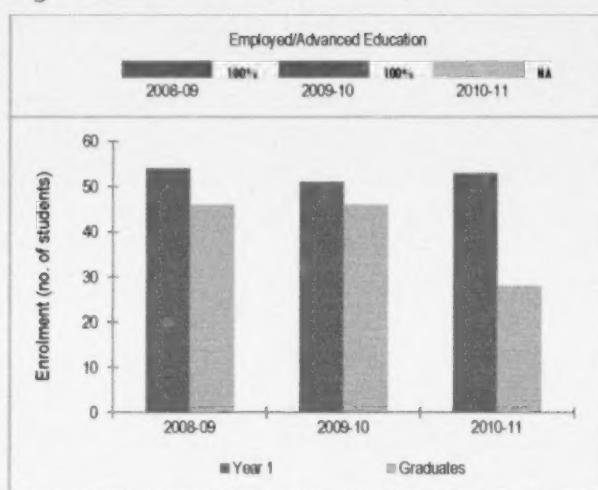
Diploma Nursing (Accelerated)

Two-year diploma program

The Diploma Nursing (Accelerated) Program was a 25-month continuous program. On successful completion of the program, graduates were awarded a Diploma in Nursing from Red River College and were eligible to write examinations to become members of the College of Registered Nurses of Manitoba and use the designation "Registered Nurse". Registered Nurses graduating from a diploma program focus on promoting health and caring for those already ill. They provide services to individuals and families in many settings, but primarily in health care institutional settings.

Note: This program is being wound down due to the development of the Bachelor of Nursing program.
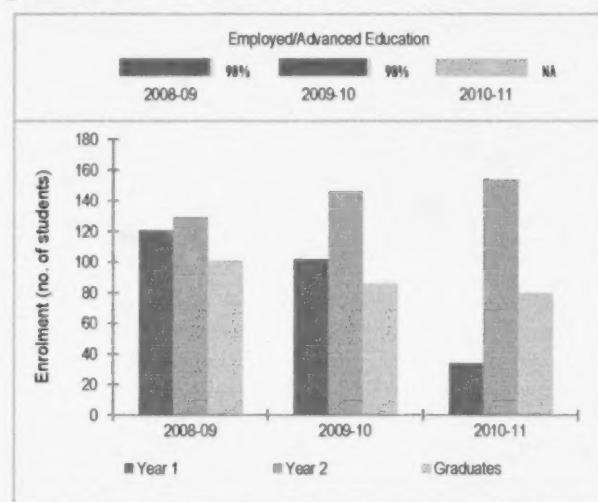
Disability and Community Support

Two-year diploma program

This program provides the knowledge and skills required to provide quality assistance to individuals with an intellectual disability living in the community. Positions may be found in community residential settings, employment-related programs, and developmental and educational services.

Note: Thirty students are enrolled annually, the remainder in first year are individuals requesting credit through the College's Recognition of Prior Learning opportunities.
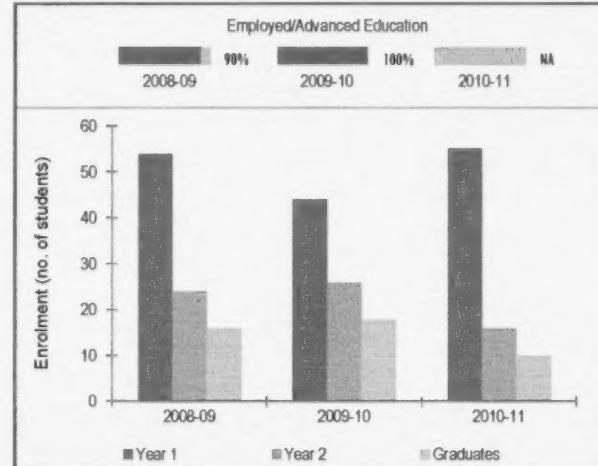
Early Childhood Education
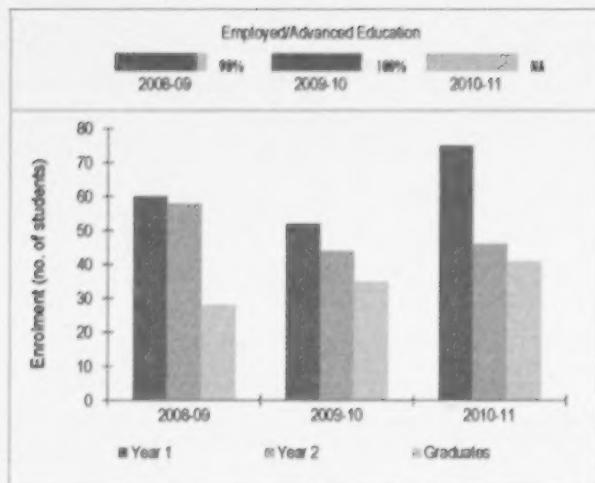
Two-year diploma program

The purpose of this program is to provide students with the knowledge and skills required to offer quality early childhood education in the community. Graduates find employment working with young children in a variety of child care centres.

Early Childhood Education - Workplace
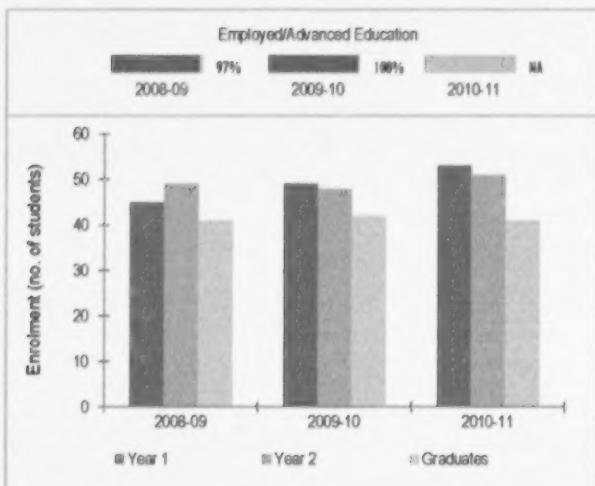
Two-year diploma program

The purpose of this program is to provide students who are already in the workforce with the knowledge and skills required to offer quality early childhood education in the community. Students attend classes at Red River College two days a week and work at their current employment for three days a week. Graduates competently plan appropriate learning experiences that stimulate the intellectual, physical, emotional and social development of young children.

Note: Students entering second year will graduate in the following academic year.

Health Care Aide
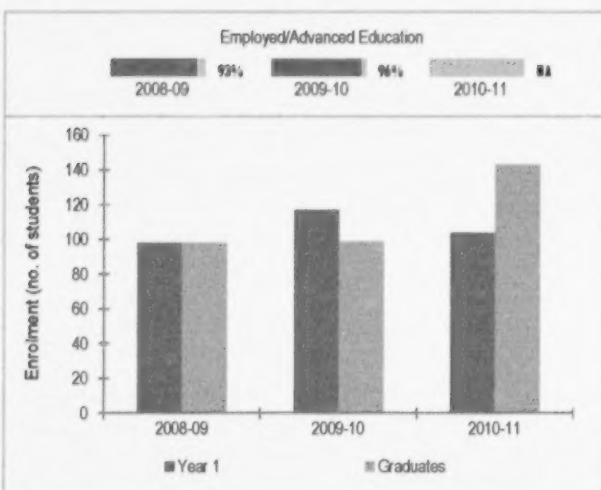
Five-month certificate program

This program is designed to prepare students to become health care workers who, under the supervision of a nurse, assist hospital patients, personal care home residents, or home care clients with meeting their physical, emotional and social needs. Graduates find employment in hospitals, personal care homes, and community or home health care agencies.

Joint Baccalaureate Nursing

Joint four-year degree program

This program is a four-year program offered in partnership with the University of Manitoba (U of M). The students take the first three years of the program at RRC and the fourth year at the U of M. On successful completion of the program, graduates are awarded a Bachelor of Nursing Degree from the U of M, and are eligible to write examinations to become members of the College of Registered Nurses of Manitoba and use the designation "Registered Nurse". Registered Nurses graduating from a degree program focus on promoting health and preventing illness, and caring for those already ill. They provide services to individuals, families and communities in institutions, clinics, private homes and a broad range of other settings. *Note: The program is concluding due to the development of the Bachelor of Nursing program.*
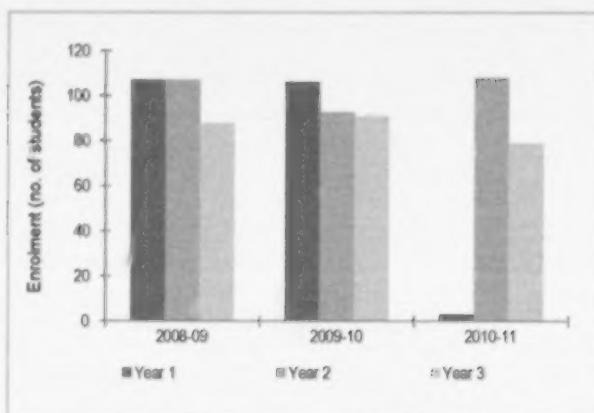
* *Students graduate from the University of Manitoba.*

Magnetic Resonance Imaging (MRI) and Spectroscopy

Nine-month advanced diploma program

This advanced program teaches proficiency in producing high quality images and optimal utilization of MRI equipment. Graduates are prepared to write the National Certification examinations and are also prepared in basic spectroscopy. This program is a partnership with the Institute of Biodiagnostics at the National Research Centre and clinical sites.
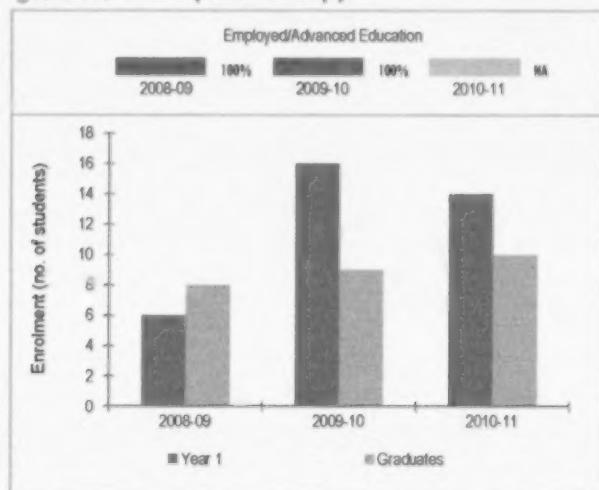
Medical Laboratory Sciences

Two-year diploma program

This program is designed to provide the academic knowledge and supervised practical experience to develop the required skills in the 5 sub-specialty areas of a medical laboratory science environment.

Graduates find work in hospitals, other health care facilities, private and public labs and Canadian Blood Services.
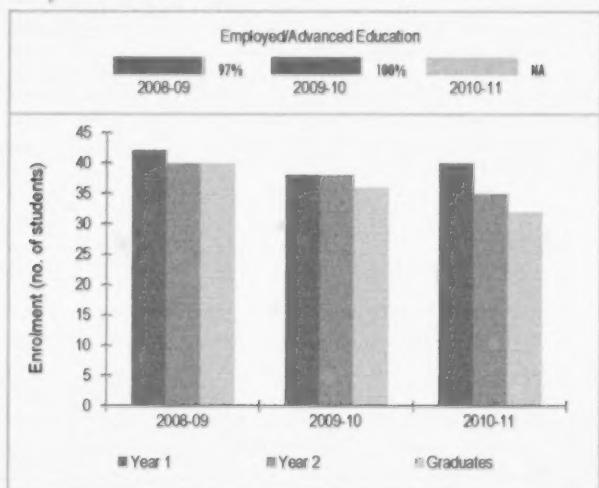
Medical Radiologic Technology

Employed/Advanced Education

| 2008-09 | 100% | 2009-10 | 100% | 2010-11 | NA |
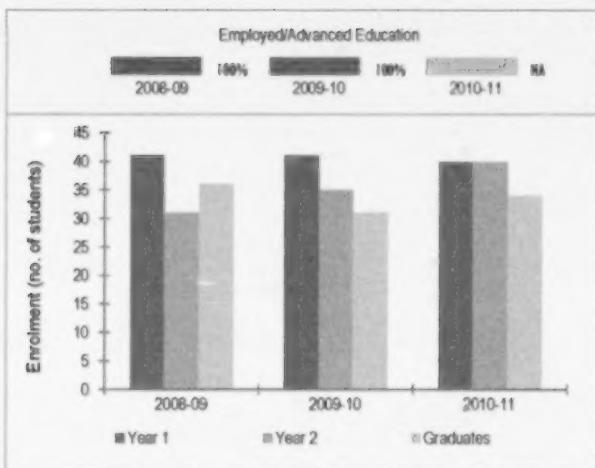
Two-year diploma program

The purpose of this program is to develop proficiency in the management of patients and the safe operation of x-ray equipment. Graduates find employment in hospitals and medical clinics. Some are working in related teaching and research, while others are employed as technical advisors or representatives for x-ray equipment and supply manufacturers. Graduates may choose to further their training in magnetic resonance imaging and ultrasound programs.

Nursing
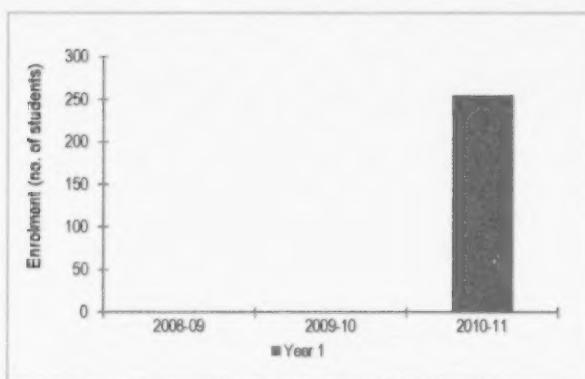
Four-year degree program

Following successful completion of this program, graduates will receive a Bachelor of Nursing (BN) degree from Red River College (RRC) and will be eligible to write the Canadian Nurse Registration Exam (CRNE). When graduates successfully complete this national exam, they are entitled to become a member of the College of Registered Nurses of Manitoba (CRNM) and legally use the designation Registered Nurse (RN). Employment is found throughout the health care system.

Paramedicine - Primary Care Paramedic

Employed/Advanced Education

| 2008-09 | NA | 2009-10 | 100% | 2010-11 | NA |
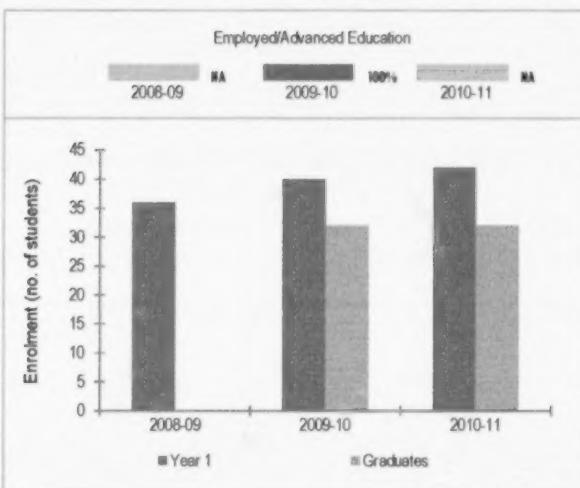
One-year certificate program

This program provides students with the knowledge and clinical experience to develop the required skills to work in the field of emergency medical services.

This program is based on the national occupational competency profile for Paramedicine - Primary Care Paramedic, and supports employment opportunities in rural and northern Manitoba.

Pharmaceutical Manufacturing

Eight-month certificate program

Pharmaceutical Manufacturing provides skills such as documentation, safety and cross contamination prevention, milling and blending of powders, tablet compression, and pass/fail criteria. Graduates find employment as production technicians with Manitoba's regulated pharmaceutical manufacturing companies.
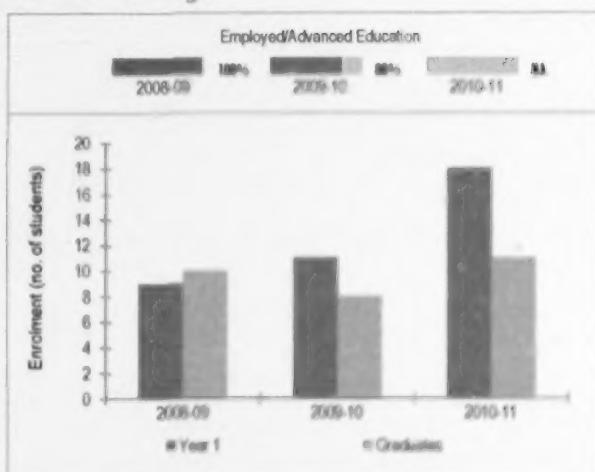
Quality Assurance/Quality Control (QA/QC) in the Pharmaceutical Industry

One-year advanced diploma program

This program provides instruction in the concepts of working in a manufacturing environment controlled by regulatory agencies. As a QA/QC specialist, a graduate will be eligible to work in Good Manufacturing Practices (GMP) regulated laboratories or GMP regulated pharmaceutical manufacturing companies in quality control laboratories or in quality assurance, as well as in International Standards Organization (ISO) or Good Laboratory Practices (GLP) regulated laboratories.
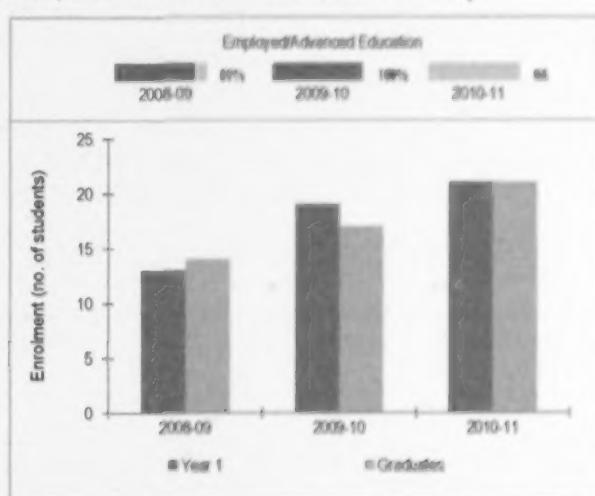
Radiation Therapy

Two-years

This program, offered jointly by RRC and Cancer Care Manitoba develops the knowledge and skills required to work in the treatment of cancer by use of ionizing radiation. Graduates find employment in cancer treatment centres in Manitoba and across Canada.

Note: Students complete 15 weeks at RRC. The remainder of the two years is completed at clinical and hospital sites across Manitoba and Saskatchewan.

Rehabilitation Assistant

Employed/Advanced Education
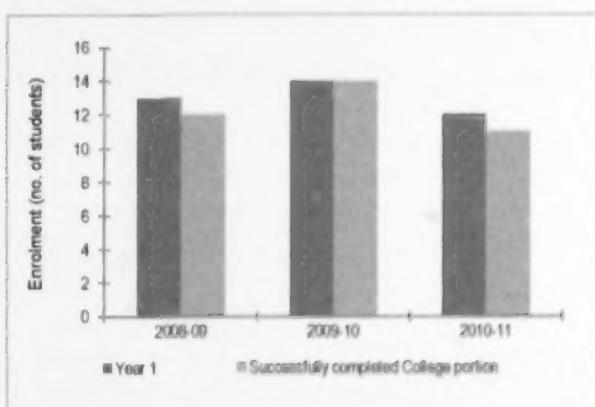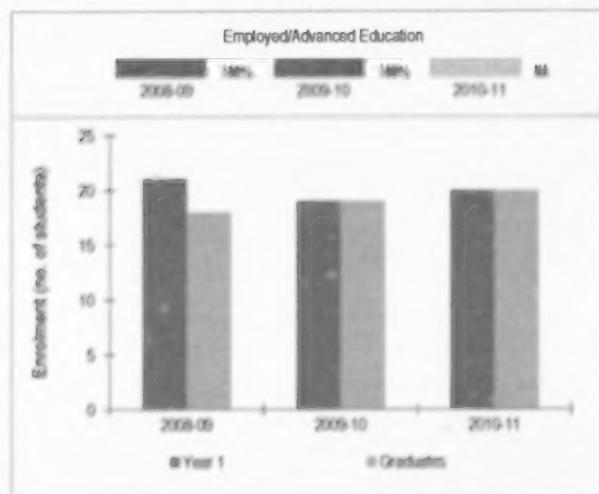
Joint one-year certificate program

This program, offered jointly by RRC and Winnipeg Technical College, prepares students with the knowledge and skills necessary to provide rehabilitative care to clients and families under the supervision of a licensed rehabilitative therapist (i.e. Physical Therapist, Occupational Therapist, Speech and Language Pathologist). Graduates are employed in a variety of areas including health care facilities, schools and other organizations providing home therapy service.

School of Indigenous Education

Dean Marti Ford
Room F116, Phone: 632-2534,
Email: mford@rrc.mb.ca

The School offers a number of strategic programs and services designed to assist students from various backgrounds to be successful in all areas of the College. An important focus has been co-operative work with the Aboriginal community. The School continues to improve programming and supports for Aboriginal (First Nation, Metis and Inuit) students and to improve services to Aboriginal communities by partnering with organizations and agencies in providing community-based education programs.

This School includes the Aboriginal Education/Program Development and ACCESS Programs department, and the Aboriginal Student Support and Community Relations unit.

School Highlights

The Biindigen program is piloting an Aboriginal Music and Dance course for which 35 students registered. The class was held on Friday afternoons as part of a research project being conducted by instructor Karen Favel. The research was looking at the impact of cultural programming and the effect it plays on attendance and retention.

The School of Indigenous Education continued to provide support for the International 1,000 Women project in Brazil. James Slade delivered a one-week workshop in Sao Luis Brazil with Deb Blower. Marti Ford and Ken Webb attended the ACCC and Federal Institutions of Professional, Scientific and Technical Education to participate in the 1st Brazil-Canada Meeting of Technical and Vocational Education meeting held in Rio de Janeiro, Brazil; and Marti Ford, James Slade and Renata Freitas, attended the closing ceremonies of the 1,000 Women Project in Natal, Brazil. The project was a success with approximately 1,030 women receiving training and upgrading.

The School of Indigenous Education continues to provide support and education to staff and students throughout RRC. Some highlights of the year include:

- The Aboriginal Student Support & Community Relations department (ASSCR) held a Fall Feast for RRC and Ka Ni Kanichihk students which was filmed by Crystal Greene, a Creative Communications student, for her IPP project.

- An event was organized to respectfully honour the contributions made to research with a burial ceremony of human bones with Allied Health Services, Facilities, Elders-in-Residence, Campus Services, and Chaplaincy Care.

- The School of Indigenous Education organized a Sweat Lodge Ceremony at the Thunderbird House for President's Council members, led by Elder Jules Lavallee, while Elder Mae Louise offered teachings to those unable to participate in the sweat.

- Aboriginal Student Support & Community Relations launched a new program aimed to unite students in the centre and ensure they know they are welcome anytime. The "Come Home for Lunch" program offers students a free, hot lunch every second week.

- In an effort to raise the awareness and educate staff and students about Aboriginal people and culture, the School hosted a "'Who wants to be an Eagle-aire?'" event. Contestants answered trivia questions to achieve trophies and prizes in a fun and informal environment. Staff from across the College were paired with staff from the School to effectively demonstrate we are all still learning and it takes teamwork.

The 3rd annual Christmas Village hosted 800 visitors from across Winnipeg, including community organizations such as Freight House and schools from Turtle Island.

A Women's Event was organized to honour single mothers who are advancing their education through Adolescent Parent Centre and Seven Oaks Learning Centre. They came with their infants and felt renewed after sitting in circle with Mae Louise while we offered options for their future based on personalized interests.

Rob Apetagon was hired one day per week to help build a relationship with staff and students in the trades area, specifically pre-employment programs and apprenticeship students. Rob will meet with staff specifically pre-employment programs and apprenticeship students. Rob will also meet with staff across the College to introduce the ASSCR team and act as a resource/cultural advisor.

The School of Indigenous Education in cooperation with Human Resources hired Cecil Sveinson to facilitate sessions on "Working Effectively with Aboriginal People" college wide.

Elder Levinia Brown worked with the RRC daycare to familiarize the children with "an elder" and what "Inuit means", she does this effortlessly while conducting a story time for the children.

During the Faculty Development Workshop series four workshops were presented; Mae Louise Campbell facilitated "The Inclusive Classroom", Jules Lavallee provided a Men's Wellness Teaching, Levinia Brown facilitated "Arctic Living/Relating to Inuit students and their families" and Rob Apetagon facilitated "Traditional Teachings 101".

The School of Indigenous Education travelled to 33 First Nation Communities in Manitoba and six communities in the Kivalliq region of Nunavut. Tours at EDC and NDC increased by 200%.

A license agreement was signed between Red River College and Peguis School Board for the delivery of two computer courses, and contracts were renewed with Kani Kanichihk for the Information and Office Administration program, Community Centered Therapy Program and Fisher River Enhancement Year Program.

The value of graphic imagery for the Aboriginal community is extremely important, therefore a new personalized "branding" was developed to highlight the School of Indigenous Education, offering consistency with the school and the college overall while still using colors that represent mother earth.

Staff Notable Achievements

Betty-Ann McIvor was announced as the new Chair of Aboriginal Education and ACCESS Programs. She started in October 2010.

Marti Ford was invited to be a member of the Premier's Poverty, Education and Citizenship Council, and she also sat on the following boards: Volunteer Manitoba; Skills Manitoba; Community Education Development Association; the Winnipeg Poverty Reduction Council; and the Assembly of Manitoba Chiefs - Eagle Urban Transition Centre's Advisory Committee meeting.

Marti Ford and Bruce Condie, from Vancouver Island University, co-presented on *Indigenous Education on the International Stage: A Formula for Success* at the NAFSA Association of International Educators Conference. They discussed successful integration of Aboriginal culture and values from past projects in Chile and Brazil.

Karen Favel, instructor, was awarded a Program Innovation fund award for work on her research project which is looking at the impact of cultural programming and the effect it plays on attendance and retention.

Elder **Levinia Brown** was inducted and honored by Ka Ni Kanichihk at the Lighting the Fires Conference as one of Winnipeg's prestigious grandmothers. At this 10th year celebration it was noted to be the first award ever given to an Inuit Grandmother.

Rob Apetagon presented at the Association of Canadian Community College's Annual Aboriginal Affinity Group meeting on his role as Cultural Advisor at RRC. He also attended the Coalitions Linking Action and Science for Prevention (CLASP) Project Steering Committee meeting with Darlene Bouvier.

April Krahn attended the Canadian Forces Influencer Event in Esquimalt B.C. to learn more about the opportunities for Aboriginal students – both employment and educational programs. She also attended the Working Summit on Indigenous Education organized by the Association of University and Canadian Colleges Association in cooperation with the Foundation for the Advancement of Aboriginal Youth for College Vice-President's/Presidents.

Aboriginal Graduates Honoured at the 11th Annual PowWow

Student Notable Achievements

Numerous students received scholarships and awards through local and national programs from organizations such as the Helen Betty Osborne Memorial Foundation, the Business Council of Manitoba, Manitoba Hydro, Canada Post and the National Aboriginal Achievement Foundation.

The 2010-11 Convocation Gold Medal Award winners were:

- **Roanna T. M. Bruce** *Aboriginal Self-Government Administration*
- **Ernest Samuel Alexander Scott** *Computer Applications for Business*
- **Lori Steinthorson** *Community Development/Economic Development*

ACCESS Model Programs

The ACCESS Model Program is designed to provide admission to specific Red River College programs for individuals who would not otherwise have the opportunity to attend College because of social, economic or cultural factors; formal education; or geographical location (inaccessibility to post-secondary institutions).

The ACCESS Model Program offers entry into the following programs:
- ACCESS Aircraft Maintenance and Manufacturing
- ACCESS Business Administration Integrated
- ACCESS Civil Engineering Technology
- ACCESS Nursing
- Other - Students accepted into other regular Red River College day programs can apply for funding and/or other support services through the ACCESS Program office providing they meet the basic criteria.

ACCESS Supports

The ACCESS Model Program promotes student success by providing academic supports, personal support/counselling and financial support.

Aboriginal Education Programs

Aboriginal Language Specialist

Employed/Advanced Education

2008-09	2009-10	2010-11
NA	100%	NA

Enrolment (no. of students)

■ Year 1   ■ Year 2   ▒ Graduates
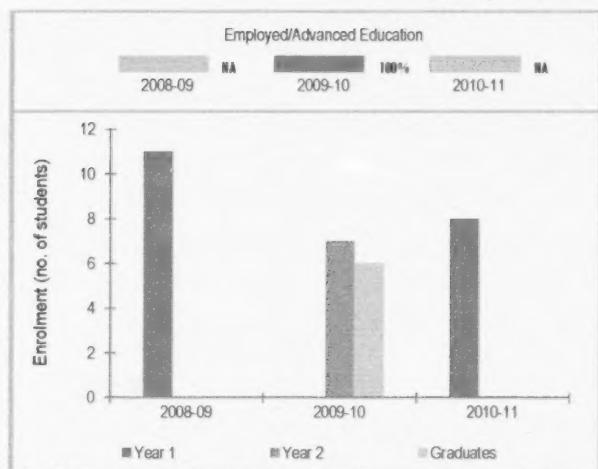
Two-year diploma program

The Aboriginal Language Specialist program is designed to train students in Aboriginal language instruction, Aboriginal language planning, and interpreting and translation.

This program trains fluent Algonquian speakers (Cree, Ojibwe, Oji-Cree and Michif) in translating and interpreting in a variety of settings. Students interested in or familiar with an Algonquian language can further their skills.

Aboriginal Self-Government Administration

Employed/Advanced Education

2008-09	2009-10	2010-11
100%	100%	NA

Enrolment (no. of students)

■ Year 1   ■ Year 2   ▒ Graduates
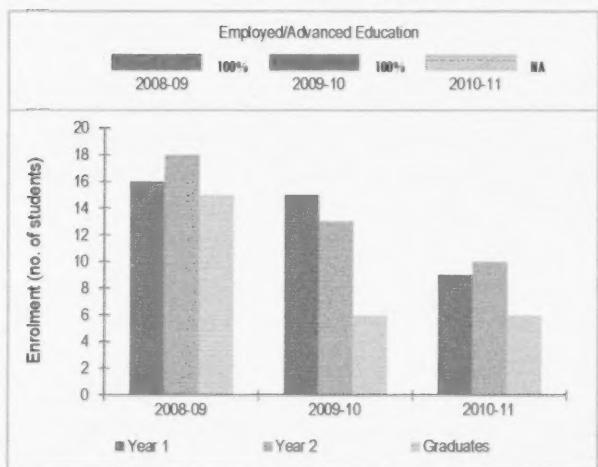
Two-year diploma program

This program provides training for Aboriginal students in the Aboriginal self-government process. Training is provided in all the fundamental aspects of the self-government process, including knowledge of political systems, traditional and existing models of self-government, and the skills associated with administration, finance, management and policy analysis.

Academic Development Programs

Enrolment (no. of students)

■ Year 1
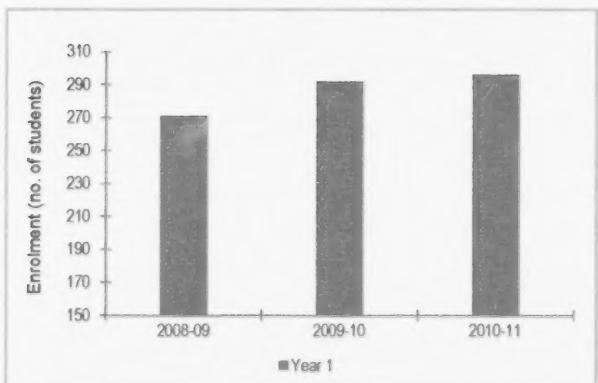
Adult Learning Centre certificate programs

Academic Development Programs upgrade students' academic skills in mathematics, English, and physical science, and provide an introduction to computers. Students normally take only those courses necessary to qualify for admission to college programs.

51

Biindigen College Studies

One-year certificate program

This program assists Aboriginal students to achieve the appropriate prerequisites and skills to transfer into other College programs of their choice. One of the mandates of this program is to support the incorporation of Aboriginal perspectives into the curriculum content. The College strives to nurture the academic, spiritual, physical and emotional needs of students to assist them in achieving balance during their academic training and in other areas of their lives outside of the College environment. Students take credits to be transferred into other College programs, however, in addition to the regular program offerings, Biindigen College Studies' courses are registered as dual credits so students can also graduate with a Mature High School Diploma.
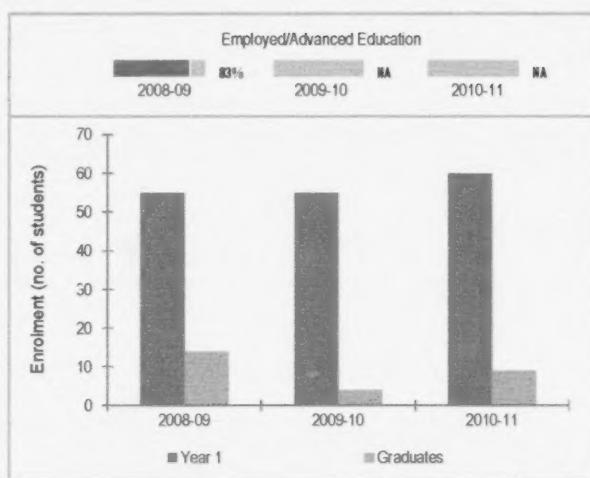
Community Development/Economic Development (CD/CED)

Two-year diploma program

This program offers opportunities for people to develop skills to work in community development in the inner city. Graduates will have the knowledge and skills to strengthen community-capacity building and focus on the strengths of individuals and communities.
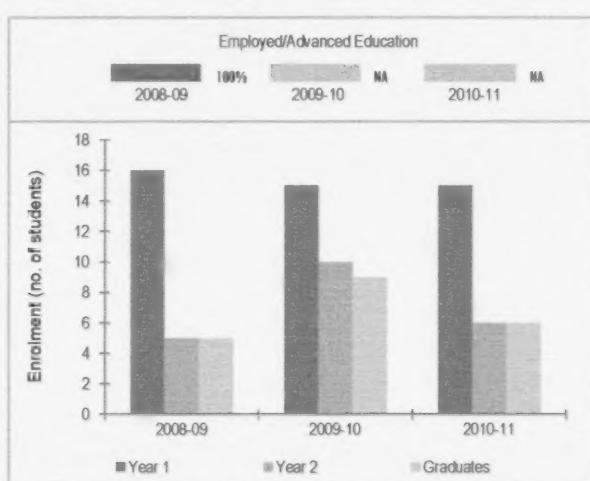
Community Development/Economic Development Certificate

One-year certificate program

Students who successfully complete the first year of the Community Development / Economic Development program and exit the program may receive a Community Development certificate.
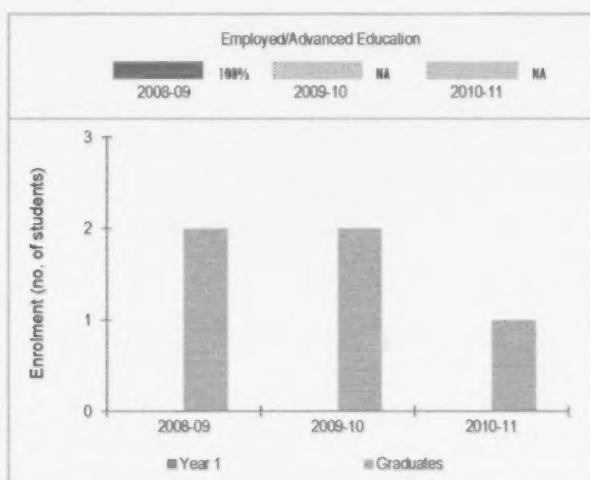
Computer Applications for Business
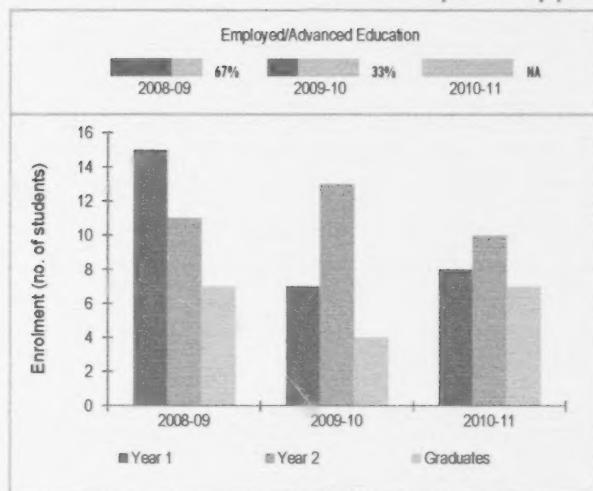
Two-year diploma program

The Computer Applications for Business program teaches students to use relevant Microsoft Office technology, prepare accurate business correspondence, communicate effectively and professionally in business environments while respecting cultural diversity, develop problem solving, decision making and management skills, and manage change while balancing professional and personal responsibilities.

Note: The name of this program was changed from Information and Office Administration to Computer Applications for Business in 2007-08.

Introduction to Business
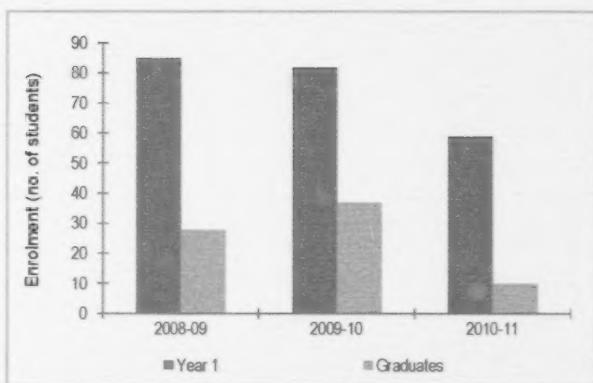
Five-month Adult Learning Centre certificate program

The purpose of this program is to prepare students for entry into selected programs in the business and applied arts and sciences area by developing their skills in communications, business mathematics, the fundamentals of Canadian business, and computer fundamentals. Students will have the opportunity to acquire the study and information technology skills that will enhance their success in an academic setting. Students will obtain advanced credits in the first term of the selected programs.

Introduction to Trades
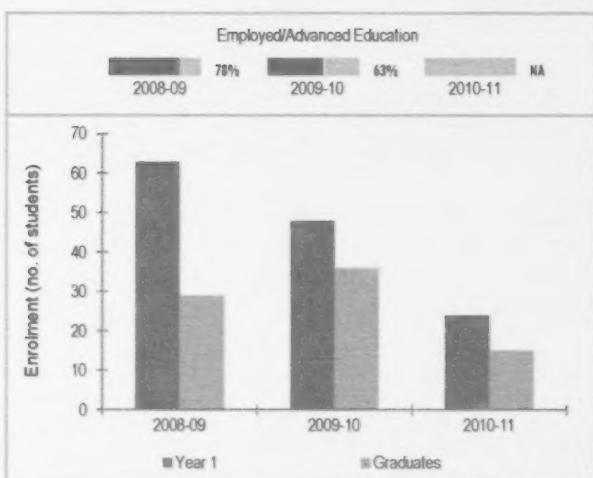
Five-month certificate program

This program is designed to introduce Aboriginal students to and prepare them for entry into existing RRC trades programs. The trades programs include Automotive Technician - Certificate, Carpentry and Woodworking, Electrical, Manufacturing Technician, Outdoor Power Equipment Technician, Piping Trades, Precision Metal Manufacturing, and Welding.

School of Transportation, Aviation & Manufacturing

Dean Don MacDonald
Room A138, Phone: 632-3990,
Email: dmacdonald@rrc.mb.ca

This School comprises three departments: Mechanical, Manufacturing and Communications; Transportation, Mathematics and Science; and the Stevenson Aviation and Aerospace Training Centre. The School provides trades and technology education and occupational training to support the Manitoba economy. The training is offered through apprenticeship, certificate, diploma and advanced diploma programs and customized training for industry. The related communications, welding and supervisory management courses for all trades are also delivered by this School. The School is active in applied research working with industry.

School Highlights

The Mechanical Engineering Technology program's accreditation with the Canadian Technology Accreditation Board was renewed for a three-year term.

Curriculum was developed for the new trade of Outdoor Power Equipment Technician.

Curriculum is being developed in distance/blended format for the trades of Heavy Duty Equipment Technician and Automotive Technician as a component of the E-Apprenticeship Design and Development Initiative.

Power Engineering faculty developed and delivered cross-cultural, long distance, blended-mode instruction courses to students at Shenyang Institute of Engineering.

Working in conjunction with the Teaching and Learning Technology Centre, a series of workshops for transportation instructors was organized. Throughout the year, the workshops will assist with enhancing curriculum, course development, instruction methods and classroom management.

The Technology Management program implemented a preparation and orientation week designed to help international and immigrant students adjust to Canadian college life.

A Basics of Manufacturing class is being offered in the evenings. Most students are university engineering students who can receive credit towards their program, as well as graduate engineers. There is a high demand for this program and additional sections are being added.

The School works closely with industry to develop custom training for their staff, based on current needs. Often the curriculum and lab materials are developed for regular academic programs and adapted for industry. The courses and programming are delivered under contract and we work closely with the Corporate Solutions department in this activity.

Partnerships and contracts with the Composite Innovation Centre have allowed the school to develop curriculum and delivery for non-aerospace companies using composites.

RRC's Body Shop and HETC Students and Staff repaired, refurbished and repainted Habitat for Humanity's new improved trailer

With the financial assistance of Apprenticeship Manitoba and an in-kind contribution from Operating Engineers Training Institute of Manitoba (OETIM), the College has constructed a crane operator training site on campus.

Faculty and students are designing and fabricating a solar motorbike as an applied research project.

The fuel skid project was highlighted at the opening of the The Global Aerospace Centre for Icing and Environmental Research in Thompson. The project involves designing and fabricating a simulated fuel system for an aircraft engine, and measuring, testing for the formation of ice in the system.

The College received funding from Western Diversification (WD) to develop a distributed network of nondestructive inspection technologies, and an automation and sensor lab. This project will be developed in partnership with Bristol Aerospace, and will create RRC's second industrial campus.

The College also received WD funding to expand its first industrial campus located at Standard Aero. The expansion allows for the addition of a robot lab, robotic welding and additional welding technologies. These technologies will become features of the mechanical and manufacturing programs, as well as enabling some applied research programs with industry.

RRC and Standard Aero received the Manitoba All-Stars award for teamwork for their partnership in developing the Centre for Aerospace Technology and Training (CATT). This centre is RRC's first industrial campus.

Automotive Students Raise Scholarship Funds

Staff Notable Achievements

Fred Doern was elected as co-chair for the Manitoba Consortium for Continuous Improvement. The Consortium is a group of 10 organizations (mostly manufacturing) who assist and challenge each other to make progress along a Lean Journey.

Don MacDonald presented on the topic "Innovation and Education for the Future" at the National conference for the Canadian Council for Aviation and Aerospace in Vancouver.

Bill Noakes received his Lean Greenbelt from the CME/Lean Sensei training program. This involved participation in a number of industry based projects to support lean manufacturing.

Student Notable Achievements

Students from Transportation, Manufacturing and Aviation won many gold, silver and bronze medals at the Manitoba Skills competition and also did well at the Canadian Skills completion.

Industrial Intern Ryan Cummine was featured in various local and national media for his work on applied research projects. These projects included laser welding at the CATT industrial campus, fuel system icing simulation working with EnviroTREC and working with Motor Coach Industries on a reduced emissions engine installation and test. Industrial interns are recent graduates who then enroll in the Technology Management program and spend much of their time working on industry applied research projects.

The 2010-11 Convocation Gold Medal Award winners were:

- **Kyle Alexander Allan** *Automotive Technician*
- **Yukihiro Imagawa** *Aircraft Maintenance Engineer*
- **Joseph Lawrence Mirecki** *Mechanical Engineering Technology*
- **Aaron Scott** *Power Engineering Technology*

Aerospace Manufacturing

Five-month certificate program

This program was developed through a collaborative effort between Boeing Canada, Bristol Aerospace, and Red River College. Students acquire the skills and techniques required in positions as skilled production workers in the area of aerospace composite manufacturing.

Employed/Advanced Education

2008-09	2009-10	2010-11
87%	80%	NA

Enrolment (no. of students)

- Year 1
- Graduates

Aircraft Maintenance Engineer

Employed/Advanced Education

82% 2008-09	94% 2009-10	NA 2010-11

Enrolment (no. of students)

■ Year 1   ▪ Graduates
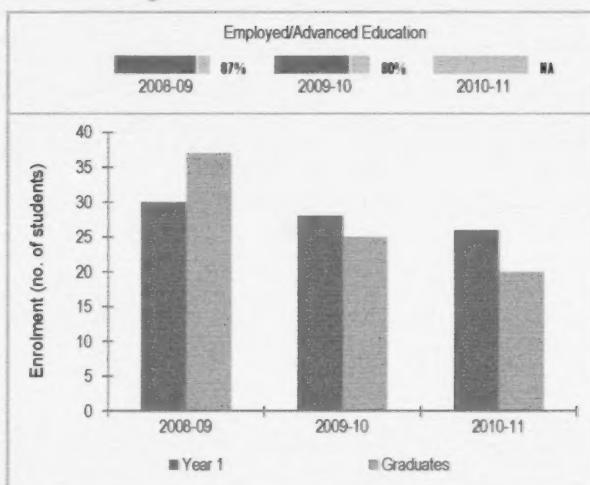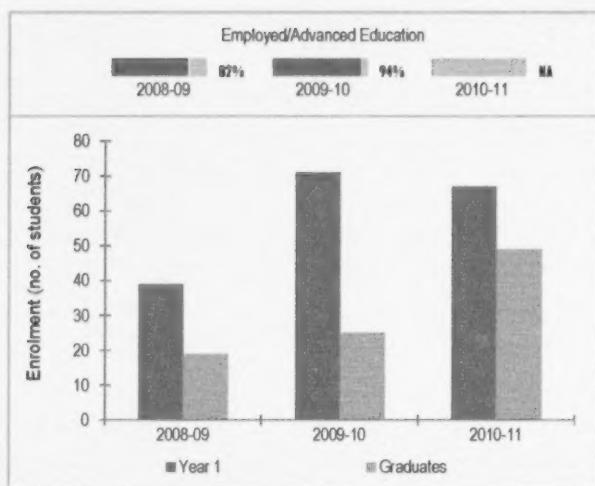
Fourteen-month diploma program

The purpose of this program is to develop knowledge and skills in maintenance of both large and small aircraft, including fixed wing and helicopters, and to provide Transport Canada approved training toward an Aircraft Maintenance Engineer License. Potential employment opportunities across Canada include passenger and cargo air carriers, air charter companies, flight schools, and nationally approved Aircraft Maintenance Organizations (AMOs).

Automotive Service Education

Employed/Advanced Education

100% 2008-09	100% 2009-10	NA 2010-11

Enrolment (no. of students)

■ Year 1   ▪ Successfully completed
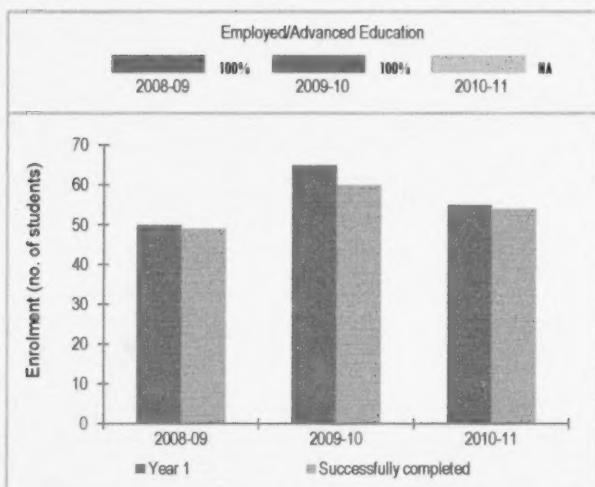
64 week program

This program prepares potential automotive technicians for a career in the automotive field. Students spend 32 weeks in the College and 32 weeks with a sponsoring General Motors of Canada dealership. Upon successful completion of both the in-college and dealership training, and a two-year period of employment in a GM dealership, the graduate is entitled to write the Inter-provincial Standards Examination to qualify as a journeyperson.

Automotive Technician - Certificate

Employed/Advanced Education

91% 2008-09	96% 2009-10	NA 2010-11

Enrolment (no. of students)
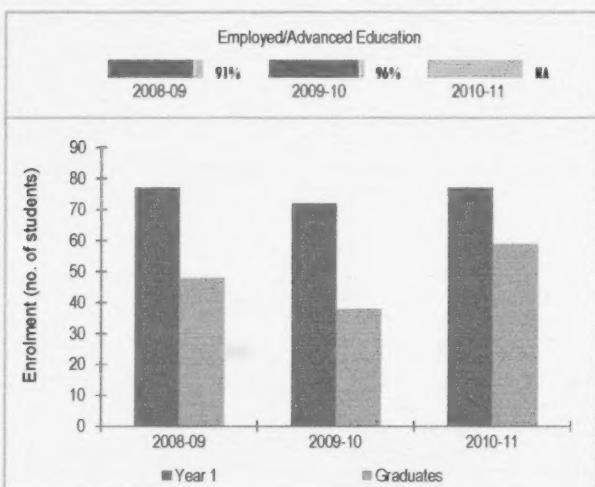
■ Year 1   ▪ Graduates

One-year certificate program

Students learn to disassemble, inspect, machine calibrate and reassemble motor vehicle units or components. Graduates find employment in service stations, dealerships, large corporations, farming communities and allied industries where they may work in service, repair, sales, or parts distribution.

Automotive Technician - Diploma

One-year diploma program

Students obtain the knowledge and skills needed to work in the motor vehicle electronic technician field. Graduates find employment in almost any vehicle repair shop. Entering students must have completed a 10-month Automotive Technician (certificate) program or have graduated with a Power Mechanics diploma from high school.

Employed/Advanced Education

2008-09	2009-10	2010-11
100%	100%	NA

Enrolment (no. of students)

■ Year 1   ▨ Graduates
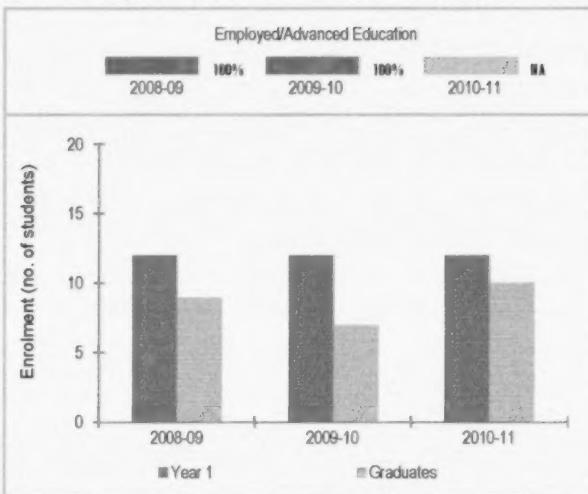
Collision Refinishing

Four-month certificate program

This new program addresses industry concerns about the large shortage of skilled technicians needed to work in either Collision repair facilities or Commercial industries. This program is designed to develop the necessary trade skills and knowledge required to refinish damaged vehicles, refinish fleet vehicles and participate in other commercial applications.

Employed/Advanced Education

2008-09	2009-10	2010-11
100%	67%	NA

Enrolment (no. of students)
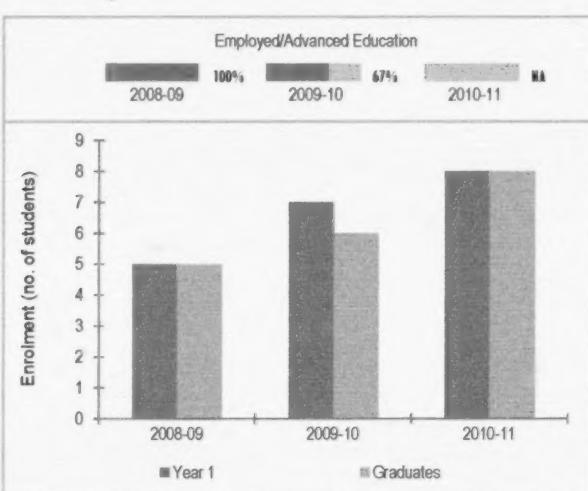
■ Year 1   ▨ Graduates

Collision Repair and Refinishing

One-year certificate program

Graduates of this program possess the skills and knowledge required to repair damaged vehicles, including all phases of auto-body repair and painting. They have found employment as auto-body mechanics, metal finishers, painters, body-frame specialists, service or parts managers, machine operators, or service-station operators. Others are employed as claims adjusters, collision estimators or shop supervisors.

Employed/Advanced Education

2008-09	2009-10	2010-11
92%	92%	NA

Enrolment (no. of students)

■ Year 1   ▨ Graduates

Heavy Duty Equipment Mechanic

Employed/Advanced Education

95%	86%	NA
2008-09	2009-10	2010-11
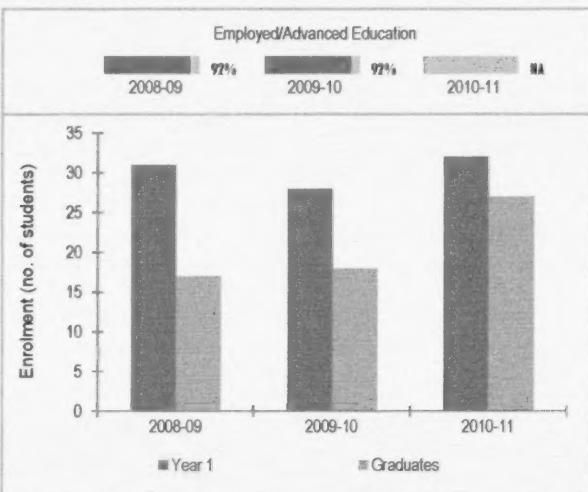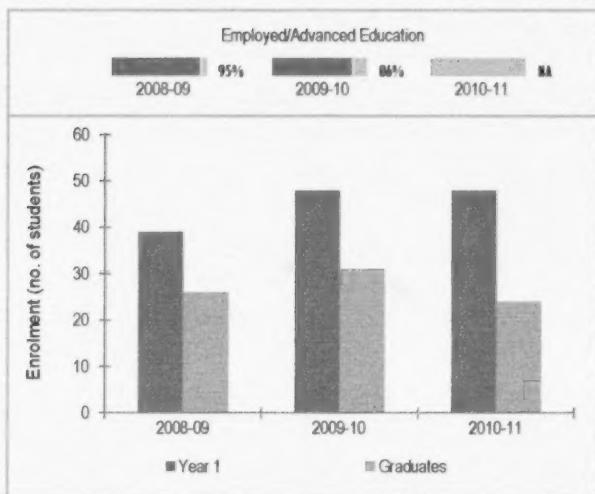
One-year certificate program

In this entry-level program students develop basic knowledge and skills required to perform routine maintenance and repairs to vehicle systems and components. Students develop an understanding of the basic purpose, construction, operation and servicing of components, parts and assemblies of trade-related equipment. Graduates find employment in the agricultural, construction or transportation sectors.

Introduction to Aircraft Maintenance Engineer
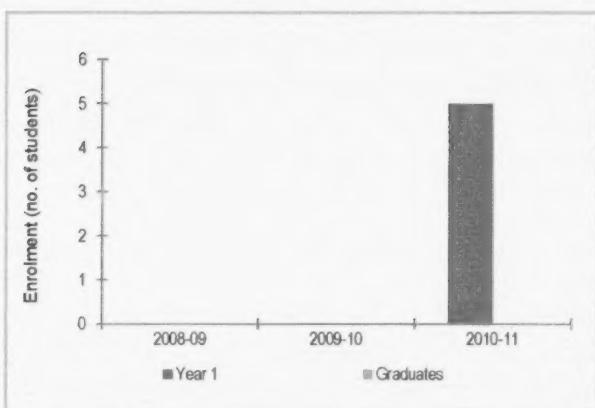
Four-month certificate program

In this program you will acquire the basic knowledge and skills in aircraft maintenance required for entry-level employment in the aircraft maintenance engineer industry. In-school instruction provides you with the entry-level skills necessary to service and maintain fixed and rotary-wing aircraft.

Manufacturing CAD

Employed/Advanced Education

NA	100%	NA
2008-09	2009-10	2010-11
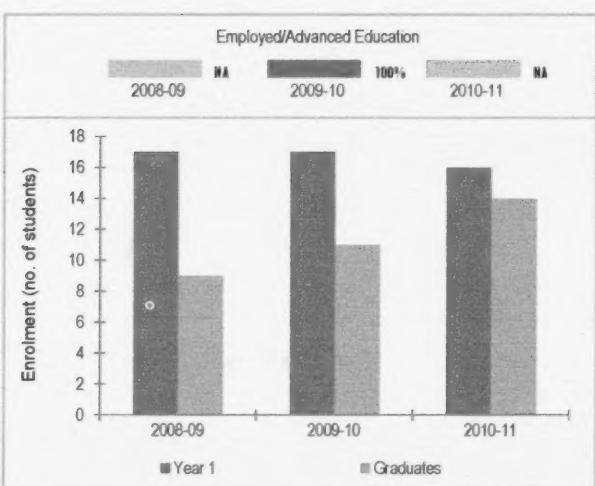
One-year certificate program

The program provides students with the skills necessary to produce computer-aided mechanical drawings of components and assemblies of industrial machines, machinery parts, and other mechanical equipment. Graduates are trained in the principles and applications of manufacturing design and production for careers engineering firms, consulting firms, manufacturing companies, utility companies, and aerospace and other industries that require mechanical/industrial technical skills covered with the scope of the Manufacturing CAD program.

Manufacturing Technician

Two-year diploma program

This program provides students with an enhanced understanding of manufacturing processes and the relationship of these processes to the machining trade. Graduates possess skills in: cost estimation and process planning, computer operation, CAD/CAM basic tool and fixture design, as well as CNC machine operation and programming. Graduates find employment as CNC operators, machinists, toolmakers, quality assurance inspectors, manufacturing planners, prototype developers, technical sales persons and supervisors.

Note: Students who successfully complete Term 1 can graduate with a certificate in Machine Shop Practice - Basic. After Year 1 (Terms 1 and 2) students can earn a certificate in Computer Numerical Control (CNC) Machine Operator, or in Machine Shop Practice - Advanced.
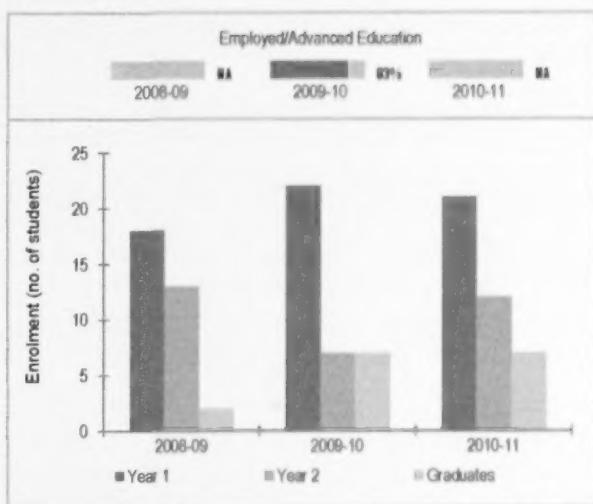
Mechanical Engineering Technology

28-month co-op education diploma program

Students develop knowledge and skills in mechanical design, the production side of manufacturing and technical supervision. Graduates find employment in design, technical sales, manufacturing, instruction, research and management with companies involved in agriculture, mining, aerospace, air conditioning, refrigeration, transportation, foundries, fluid power, consulting engineering and government services.
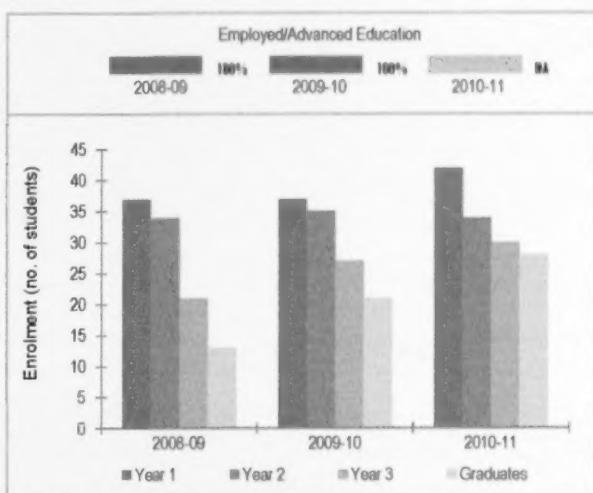
Outdoor Power Equipment Technician

One-year certificate program

Students develop the skills and knowledge required for entry-level employment in the power equipment repair field. Graduates find employment with firms engaged in the sales or service of power equipment. Such firms may include agricultural equipment dealers, private power equipment sales and repair shops, rural agribusiness and various federal, provincial and municipal government departments.
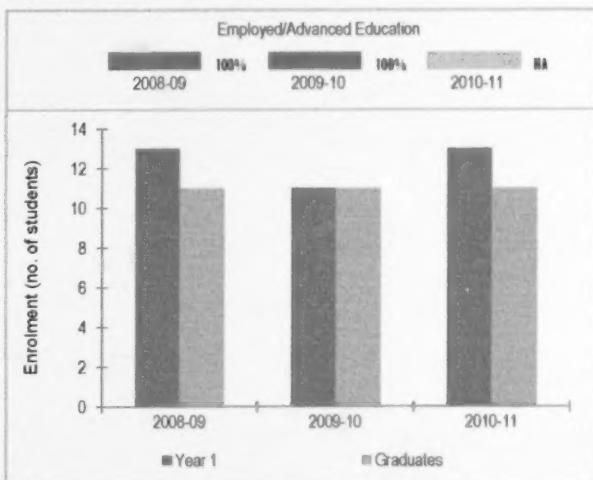
Power Engineering Technology

Employed/Advanced Education

2008-09	2009-10	2010-11
70%	75%	NA

Enrolment (no. of students)

	2008-09	2009-10	2010-11
■ Year 1	▥ Year 2	▨ Graduates	
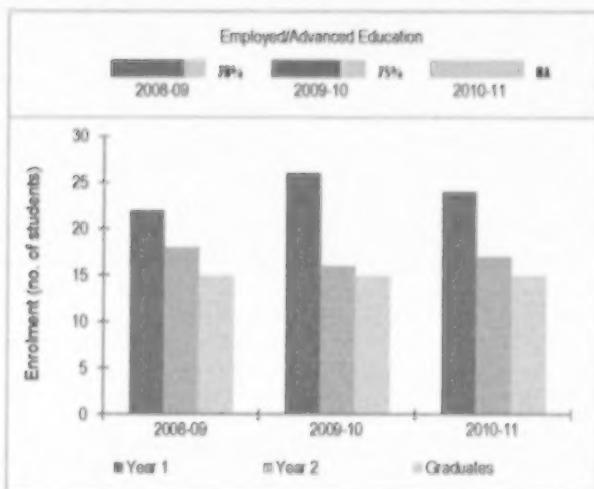
Two-year diploma program

This program develops knowledge and skills required for the safe operation of major equipment in commercial, industrial, and public buildings. It includes enhanced power engineering technical studies, particularly the power laboratory studies and field experiences, which is in alignment with the Manitoba and Inter-Provincial experience requirements for Power Engineers. Graduates achieve their Standardized (Inter-Provincial) 4th and 3rd Class Certificates. This program provides graduates with a start toward a 2nd Class Certificate, and prepares graduates for studies required for higher levels of Power Engineering.

Note: *This program also has a certificate exit point at the end of the first year. Certificate graduates can obtain Class 4 certification.*

Technology Management

Employed/Advanced Education

2008-09	2009-10	2010-11
50%	100%	NA

Enrolment (no. of students)

	2008-09	2009-10	2010-11
■ Year 1		▥ Graduates	
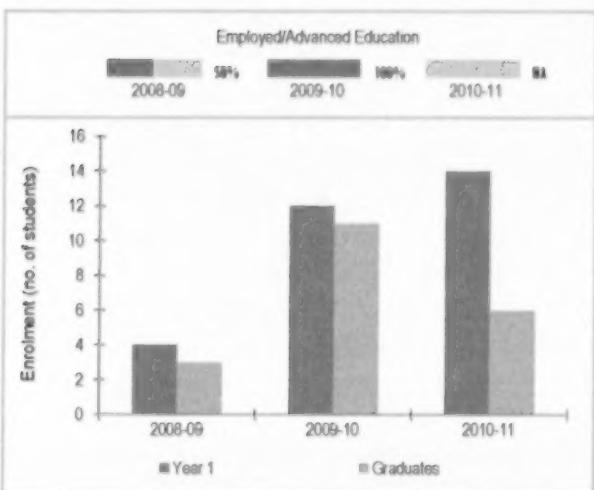
One-year advanced diploma program

This program is specifically targeted to graduates with technical diplomas and degrees. It provides an opportunity to complement graduates' technical skills with equally important managerial skills in areas such as corporate finance and accounting, project management, marketing strategy, and human resource management. The program provides technologists and others with the knowledge, skills, and abilities required for their roles as supervisors and managers in technical organizations, obtains recognition for the Technology Management program from professional organizations, and creates opportunities for technologists and others to earn advanced credentials in Technology Management.

Welding

Employed/Advanced Education

2008-09	2009-10	2010-11
73%	100%	NA

Enrolment (no. of students)

	2008-09	2009-10	2010-11
■ Year 1		▥ Graduates	
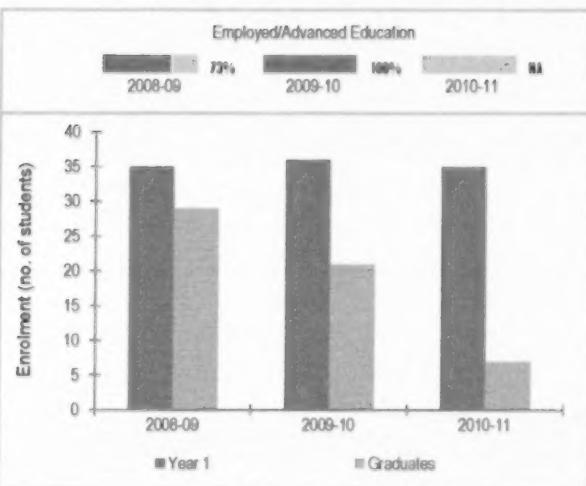
Seven-month certificate program

Students learn to perform the oxy-acetylene, arc, tungsten inert gas and metal inert gas welding processes and related operations safely and effectively. Some graduates have found employment in aircraft maintenance, in the manufacturing of farm equipment and in heavy equipment repairs. Other graduates are employed in highway construction, northern mines and hydro-electric power plants.

School of Learning Innovation

Dean Paul Little
Room CM30A, Phone: 632-2232,
Email: plittle@rrc.mb.ca

This School provides comprehensive teaching and learning programs and support services. In addition to having the provincial mandate to prepare public school teachers in the areas of Industrial / Vocational and Business education, the School provides the College supports such as content expertise and research capacity through the Library and Learning Resources; faculty development through Teacher Education; curriculum design issues through the Program and Curriculum Development area and program delivery issues through the Learning Technologies areas. The School also manages the Program Innovation Fund which is used to support the continual enhancement of academic programs by funding innovative projects which are not covered by operating budgets.

School Highlights

There were a total of 25 Program Innovation Fund applications submitted, and 15 were funded for a total of $124,657. The Innovation Awards recognized three projects that foster a culture of innovation among those who teach at Red River College.

Twenty Faculty Development Workshops were offered for the first time during Reading Week and a further 57 workshops during the Spring May/June period, with attendance at over 625.

Program & Curriculum Development (P&CD) conducted 6 DACUM Occupational Analysis for the following programs: American Sign Language – English Interpretation / Deaf studies, Library Information Technology, Recreational Facilitator for Older Adults, Financial Services Assistant, Funeral Director, and Electrical Engineering Technology.

Program Renewal Projects were completed for American Sign Language – English Interpretation / Deaf Studies and Library Information Technology. Program Renewal Projects were started for: Electrical Engineering Technology family of programs and Building Design CAD Technology.

Seven Face Validation Projects were completed for Health Care Aide, Magnetic Resonance Imaging & Spectroscopy, Medical Laboratory Sciences, Access Nursing, Heavy Duty Equipment Mechanic, Electrical Engineering Technology family of programs, and Business Administration - Integrated.

Strategic planning sessions were facilitated for Regional Campuses, School of Continuing and Distance Education, Recognition of Prior Learning, along with focus groups for the Human Resources Division in planning for Administrative Assistant staff development.

The Library has completed the data projector installation project and has enhanced their media preview area. All suitable teaching spaces at NDC now have installed projectors – 133 new projectors.

New resources added in the Library this year include:

- Global Road Warrior - A wide variety of online information on 175 countries.
- A to Z Maps Online - The world's most useful online map collection, containing antique maps, topographical maps, earthquake maps, geography maps, weather maps, etc.
- Business Book Summaries - Text and audio summaries and reviews for more than 1,000 of the top business books from the last 20 years.
- Knovel - A database of about 2,800 engineering handbooks and reference tools covering the subject areas of Civil Engineering & Construction Materials, Earth Sciences, Electrical & Power Engineering, Electronics & Semiconductors, General Engineering & Engineering Management, Mechanics & Mechanical Engineering, and Process Design, Control and Automation.
- Naxos Music Library - It is the world's largest online classical music library. Currently, it offers streaming access to more than 46,900 CDs with more than 653,000 tracks.
- New or revised subject guides on Nursing Research with tutorials and links to over 40 individual topics.
- New WIKIPLUS Wiki configured to be used as a Help / Guides knowledgebase.
- New guide to wireless at RRC
- New Guide to Copyright

Doug Cameron coordinated the completion of the teaching station project in F-201. Several faculty in the Teacher Education department designed a teaching station that allows the instructor to completely control all digital presentation of course materials and multimedia presentations from a single desktop.

Kurt Proctor collaborated with Charlotte Enns, Department Head of Educational Administration, University of Manitoba to create a program of study for a Master of Education degree in Adult and Post Secondary Education. The RRC cohort has 25 students and will begin in fall 2011 and complete studies in 2013.

The College continues to expand its online delivery of education. More than 25% of the 3,666 unique college courses now have an online component, and eTV studios streamed 250+ hours of teaching to regional campus locations outside Winnipeg. TLTC also received a $2.1 million contract from Manitoba Entrepreneurship, Training and Trade to develop 18 levels of E-Apprenticeship and associated delivery models.

Staff Notable Achievements

Paul Little served on behalf of the Social Sciences and Humanities Research Council as a member on the Partnership Development Grants adjudication committee, acted as a representative for the Council of Deans and Directors of Education Manitoba on the Teacher Education and Certification Committee, was a member of the Manitoba Education Research Network, and served as a member of University of Manitoba's Faculty of Extended Education Advisory Council.

Paddy Burt served as Vice-Chair of the Manitoba Library Consortium, Inc.

Charlene Tweed graduated with the diploma in Library and Information Technology.

TLTC staff made presentations on E-Apprenticeship to the Hawaii International Conference on Education, the Manitoba Association for Distributed Learning and Training and the North American Council of Automotive Teachers.

Four TLTC staff are enrolled in Masters level education programs and two others are pursuing their Certificate in Adult Education. This is a significant for a department of just 15 people.

P&CD staff **Sandra Sukhan** and **Gene Semchych** presented a paper of RRC's quality assurance processes at the League for Innovation's Learning College Summit in Phoenix, Arizona in June 2011.

Gord Price, Bernie Taronno, Ron Budowski and **Andy Kozlowski** were awarded a Program Innovation Grant for the Creation of a Graduation Ring "Tradition" Project in the Teacher Education department. This project will rely on the complementary skills acquired in Graphic Communications (using design principles to design the ring), Power and Energy (using a CNC milling machine to cut a wax pattern) and Manufacturing (using lost wax casting to pour the ring).

Kurt Proctor joined the Career Trek Board of Directors as the Red River College representative.

Student Notable Achievements

The 4th cohort of the RRC hosted Central Michigan University Masters of Business Education program celebrated their graduation from the Master of Arts in Education Degree program The graduates are **Stephen Vogelsang, Stephen Kessler, Teresa Menzies, Angela Vandenberg, Kerry Coulter, Cindy Benoit, Shelley Ringland, Lisa Jamieson** and **Orest Kinasevych**.

Students selected for the 2011 Manitoba Teachers' Society Awards included **Eun-Kyung (Christine) Yang, Daniel Vicente, John Fleischaker** and **Chris Lafrance**. The graduates were selected by faculty based not only on GPA, but also the student's relationship with faculty, their commitment to community and their contribution toward the learning and support of their peers.

Twenty-seven students graduated from Teacher Education programs with their Bachelor of Education degrees (U of W) in the June convocation. Business Technology had 11 graduates, Industrial Arts/ Technology had 7 graduates and Technical Vocational had nine graduates who are certified to teach in the Province of Manitoba.

The 2010-11 Convocation Gold Medal and Lieutenant Governor Medal Award recipients were:
Gold Medal winner:
- **Marcus Fowler** *Teacher Education (Technical Vocational)*

Lieutenant Governor Medal Award winner:
- **Patricia Goldrup** *Technical Vocational Teacher Education*

Business/Technology Teacher Education

Five-year Bachelor of Education degree delivered jointly by RRC and the University of Winnipeg

The Business Teacher Education program develops knowledge and skills in general business, accounting, marketing and secretarial; including technical skills in computer applications, word processing and computer accounting; and teaching methodology in business. Successful completion of the five-year program results in a Bachelor of Arts degree and a Bachelor of Education degree from the University of Winnipeg, as well as a diploma in Business Teacher Education from RRC. Graduates are eligible for a Permanent Professional Teaching Certificate from Manitoba Education and Training which allows them to teach in secondary schools in Manitoba.
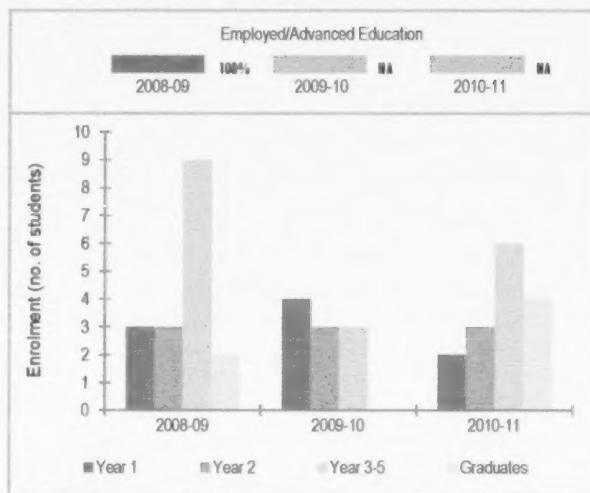
Business/Technology Teacher Education - After Degree

Two-to-three year Bachelor of Education degree delivered jointly by RRC and the University of Winnipeg

The After Degree Teacher Education program is a two-to-three year joint Bachelor of Education degree with the University of Winnipeg for holders of an undergraduate degree. Emphasis in the RRC portion of the program is directed at developing the technical knowledge and skills in business, combined with teaching methodology, required for the teaching major in business education. Graduates are eligible for a Professional Teaching Certificate from Manitoba Education and Training, which allows them to teach in secondary schools in Manitoba.
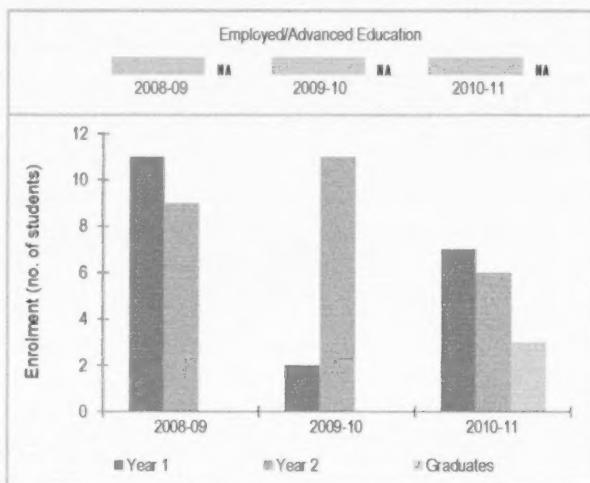
Industrial Arts/Technology Teacher Education

Five-year Bachelor of Education degree delivered jointly by RRC and the University of Winnipeg

This program develops knowledge and skills in manufacturing, power and energy, graphic communications and construction; including computer applications, and teaching methodology in industrial arts and technology education. Successful completion of the five-year program results in a Bachelor of Arts degree and a Bachelor of Education degree from the University of Winnipeg, and a diploma in Industrial Arts Teacher Education from RRC. Graduates are eligible for a Permanent Professional Teaching Certificate from Manitoba Teacher Education and Training which allows them to teach in secondary schools in Manitoba.

64

Industrial Arts/Technology Teacher Education - After Degree

Employed/Advanced Education

▬▬▬ NA	▬▬▬ NA	▬▬▬ NA
2008-09	2009-10	2010-11

Two-to-three year Bachelor of Education degree delivered jointly by RRC and the University of Winnipeg

The After Degree Teacher Education program is a two-to-three year joint Bachelor of Education degree program with the University of Winnipeg for holders of an undergraduate degree. Emphasis in the RRC portion of the program is directed at developing the technical knowledge and skills in industrial arts/ technology, combined with teaching methodology, required for the teaching major in industrial arts/ technology education. Graduates are eligible for a Professional Teaching Certificate from Manitoba Education and Training, which allows them to teach in secondary schools in Manitoba.

Technical Vocational Teacher Education

Employed/Advanced Education

▬▬▬ NA	▬▬▬ 86%	▬▬▬ NA
2008-09	2009-10	2010-11
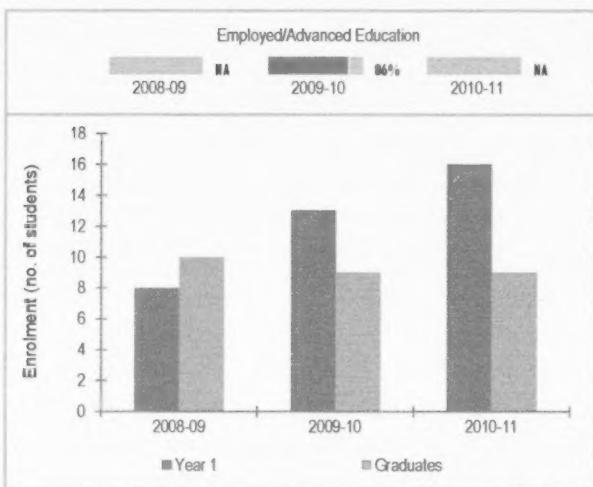
One-year accelerated diploma program

This program provides the knowledge and skills required for certification by Manitoba Education and Training. Graduates are eligible for a Permanent Special Vocational Industrial Teaching Certificate from Manitoba Education and Training which allows them to teach in their vocational area in secondary schools in Manitoba. The program makes up the first three years of the five-year Joint RRC/ University of Winnipeg Bachelor of Education Degree with a major in vocational education. Graduates find employment in teaching positions in high schools offering vocational industrial programs and in community colleges.

School of Continuing & Distance Education

Dean RaeAnn Thibeault

Room C118, Phone: 632-2481,

Email: rthibeault@rrc.mb.ca

The School of Continuing & Distance Education (C+DE) facilitates learner success by developing and delivering quality, innovative lifelong learning opportunities. Programs are delivered full-time, part-time in class, part-time distance delivery and customized corporate training.

C+DE is a strategic business unit that forms part of the Business Development Division. All courses and programs are offered on a cost recovery basis. One integral element to our success is our responsiveness to labour market needs. Our delivery of programs in a variety of ways helps make education more accessible and convenient for all learners. We welcome inquiries from industry and are pleased to develop solutions - full-time, part-time, distance education and customized corporate training - to meet industry needs.

School Highlights

Full time programs offered July 2010 to June 2011 included: Applied Counseling, Health Unit Clerk, Legal Administrative Assistant, Occupational Health & Safety, Administrative Assistant, Educational Assistant, Professional Photography, Recreation Facilitator for Older Adults, Residential Decorating, 5th Class Power Engineering and Railway Conductor. Full time cost recovery programs demonstrated the largest enrolment to-date at greater than 400 students.

As part of a College Relations initiative, C+DE updated all the full-time program outlines. The project is being continued and expanded to include rewrites of 106 part-time program outlines.

Continuing & Distance Education Full-time Enrolments

ENROLMENT (no. of students)

Year	
2006-07	
2007-08	
2008-09	
2009-10	
2010-11	

Continuing & Distance Education Part-time Enrolments
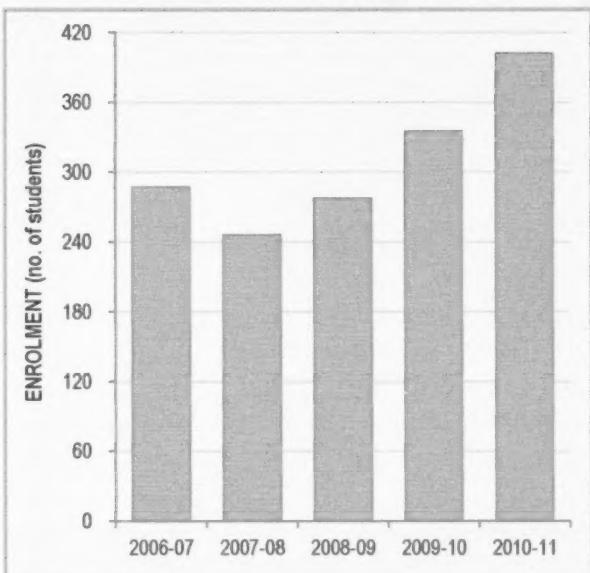
ENROLMENTS

Year	
2006-07	
2007-08	
2008-09	
2009-10	
2010-11	
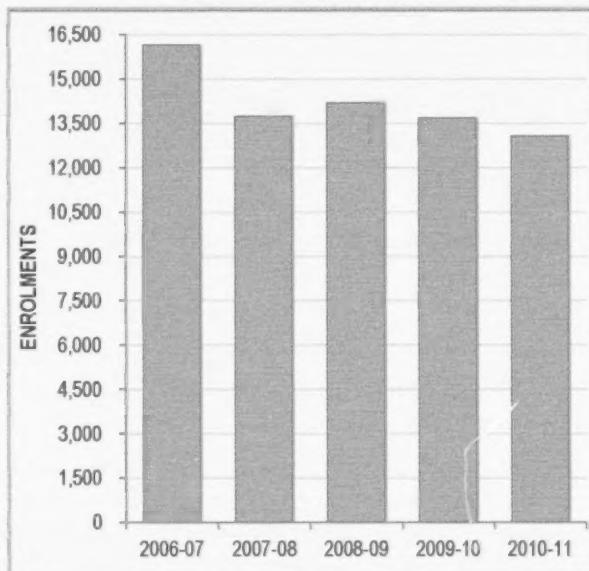
Note: 2006-07 is the first year Continuing Studies combined continuing education and distance education part-time enrolments.

There are 28 advisory committees and ten steering committees specific to the C+DE programs. The advisory committees include representatives from industry, business, organizations and other post-secondary institutions.

There were 20 students who took courses through the TAPIN program from July 2010 to June 2011. The TAPIN program is offered through the Immigration Centre, an agency that offers assistance to immigrants to help them successfully integrate within Manitoba. Persons accessing services through the Immigration Centre are provided with an opportunity to take courses at Red River College at a reduced rate. Red River College was acknowledged for their work in this area and received a certificate of appreciation at an event hosted by the Immigration Centre.

The Health Sciences program area conducted research on the development of a new Funeral Director and Embalmer program, including establishing a steering committee.

The Information Technology program area developed and offered several new courses including: Retirement Planning, Microsoft Certified Technical Specialist, IC3 (Internet and Computing Core Certification), Comp-Tia Strata Green IT, and Agile Project Management.

The Business and Management program area offered several new Business Administration diploma courses including Entrepreneurship 1, Securities Investments, Human Resource Management and Front Line Leadership.

C+DE received approval for the new Administrative Assistant certificate program. This program replaces the former Office Technician program.

C+DE became a member of North America's Corridor Coalition (NASCO), a multi-modal transportation network between Canada, United States of America and Mexico. The NASCO educational consortium brings together institutions that play a role in training transportation innovation.

C+DE also established the Transportation/Distribution (Centreport) steering committee with representatives from three levels of government to discuss training opportunities. A subcommittee was established to research and assess current program and courses from RRC as well as the Certified Logistics Associate (CLA) and Certified Logistics Technician (CLT) courses from the US Manufacturing Skill Standards Council.

The Corporate Solutions area facilitated the completion of the Train the Trainer Cancer and Chronic Disease prevention program for fourteen students from First Nations in Manitoba and Saskatchewan.

The Corporate Solutions area facilitated the completion of the entry-level Shingling program in partnership with the Manitoba Shingling Association with ten successful graduates.

The Corporate Solutions area facilitated the completion and a celebration for the Youth Recreation Activity Worker program offered through a partnership between Red River College and the Boys and Girls Clubs of Winnipeg. Twelve students completed the program successfully in June 2011.

The Corporate Solutions area facilitated contracts with: Manitoba Public Insurance, Malach, Boeing, Canadian Manufacturers and Exporters, New Flyer Industries, National Collaborating Centers for Public Health, Winnipeg Police Services, Bristol Aerospace, Hudson Bay Smelting Co. Ltd, Aboriginal Peoples Television Network, Winnipeg Regional Health Authority, Manitoba Housing, Black Cat Blades, Canadian Food Inspection Agency, Canadian Literacy, Centre for Aboriginal Human Resource Development, MacDon Industries, Cormer Group, Winnipeg Police Service, Manitoba Health, Manitoba Hydro, Hutterite colonies and Standard Aero,

The Information Technology area received iCritical Thinking certification, the only certification program based on a globally defined ICT/digital literacy framework to demonstrate the ability to think critically within technology-enabled environments.

The Information Technology area received notification of approval as a Project Management Institute (PMI) Registered Educational Provider (REP). REP status is recognized in over 70 countries worldwide.

Corporate Solutions organized and provided presentations and/or tours of the Mobile Training Labs to Correctional Services Canada, Neeginan Institute of Applied Technology, the Northern Manitoba Sector Council, Tataskweyak Cree Nation, Sagkeeng Employment and Training, Manitoba Keewatinowi Okimakanak and the Dakota Ojibway Tribal Council.

Corporate Solutions facilitated the involvement of the Mobile Training labs in a variety of recruitment events including the Parkland Career and Job Fair, Skills Manitoba Competition, and West Kildonan Collegiate Discovery Day.

The Trades and Transportation area secured a new training facility for the Railway Conductor program at the CN Railway facility on Pandora Avenue. The larger venue will allow the program to increase the enrolment to 32 students in September and help build relationships with the railway industry.

A small committee of C+DE staff is working with RRC's Sustainability Manager toward the goal of becoming a green office. The first initiative of the committee, directing students to WebAdvisor for grade reports, resulted in a savings in printing and postage costs. The committee also facilitated putting links in distance students' packages to RRC library and counseling services rather than paper copies, saving printing costs.

Staff Notable Achievements

The School of Continuing and Distance Education presented the 2010 Teaching Excellence Award to **Robert Chamberlain** at the Instructor Appreciation evening in December 2010.

Mike Stuhldreier assumed the position of Manager, Quality Programs and Services for C+DE. Mike joined RRC's Program and Curriculum Development Department in 2002, and was Manager of the department since 2004.

Vera Godavari, marketing assistant, is enrolled with Learning Resources Network (LERN) to become a LERN certified eMarketing Professional (CeP).

The Information Technology program manager, **Kirk Johnson**, received Microsoft Technology Associate (MTA) certification, which validates proven experience and knowledge in using Microsoft products and solutions. Microsoft Certifications help utilize evolving technology, fine-tune troubleshooting skills, and improve job satisfaction.

One hundred and fifty-two (152) Red River College employees took courses through staff development administered through C+DE.

Youth Recreation Activity Worker program marks its 10th anniversary

RRC Grad recognized by the Project Management Institute. (L to R) Kirk Johnson, Blair Fraser, and Yanik Sourisseau)

Administrative Assistant
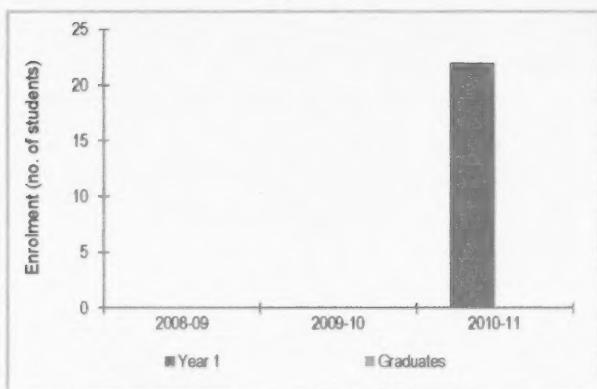
C+DE full-time certificate program

This program focuses on the administrative and technical skills needed to meet the demands of the current and emerging office environment. The program provides both the theory and practice needed to succeed in an entry-level administrative position.

After successful completion of the program students will be knowledgeable in business office software, administrative procedures, communication, teamwork, and problem-solving.

Applied Counselling
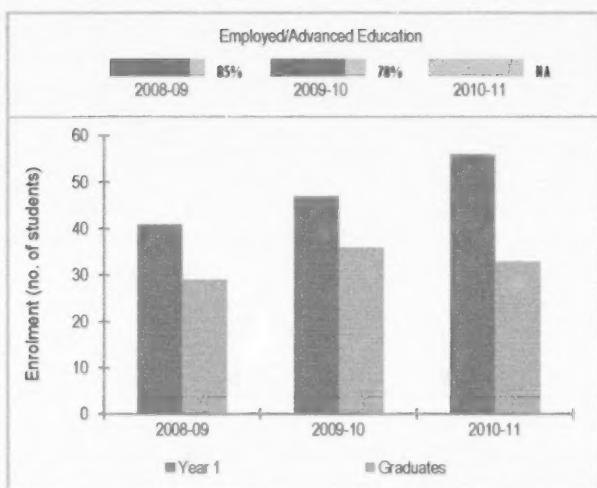
C+DE full-time certificate program

Students develop proficiency in basic counselling skills for use in working with children, adolescents, and families. Skills in cross-cultural counselling will be developed, and legal/ethical issues studied. Graduates will be qualified to provide entry level counselling in areas such as domestic violence, chemical dependency, substance abuse, and gender issues.

Educational Assistant
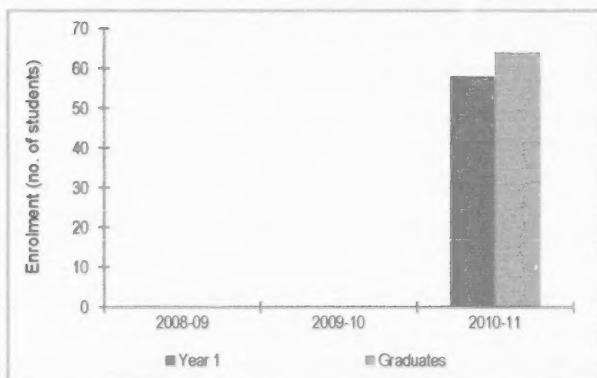
C+DE full-time certificate program

This program provides skills required for a career working with students in an educational setting to support the work of the teachers and clinicians.

Students will study and explore the developmental needs of children, as well as the instructional strategies to meet those needs. There is a focus on a variety of relevant topics ranging from inclusive education and learner characteristics to supporting the learning environment, managing behavior, and professionalism.

69

Health Unit Clerk

C+DE full-time certificate program

Students acquire the knowledge and skills required to function as part of the health care team and learn the roles and responsibilities of a Health Unit Clerk including maintaining patient and unit records, processing physician orders, diagnostic and laboratory orders and managing unit supplies.
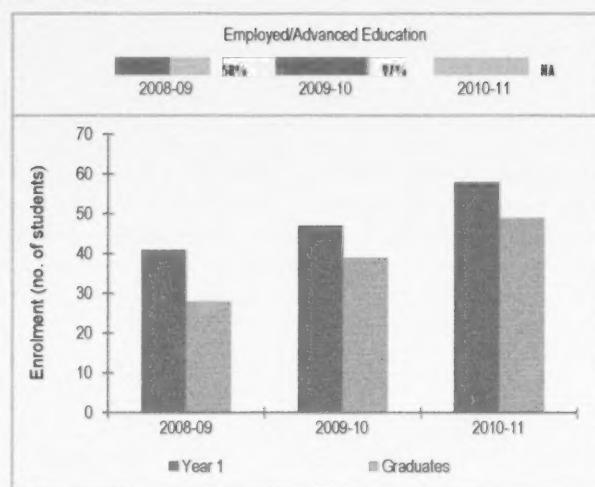
Employed/Advanced Education

| 2008-09 | 52% | 2009-10 | 97% | 2010-11 | NA |

Enrolment (no. of students)

	2008-09	2009-10	2010-11
Year 1			
Graduates			

Legal Administrative Assistant

C+DE full-time certificate program

Students acquire the knowledge, skills and attitudes to perform effectively in a junior administration position in a legal environment and learn to professionally prepare legal documentation for real estate, wills and estates, civil litigation, domestic and family law, business and appeals.

Employed/Advanced Education

| 2008-09 | 89% | 2009-10 | 70% | 2010-11 | NA |

Enrolment (no. of students)

	2008-09	2009-10	2010-11
Year 1			
Graduates			
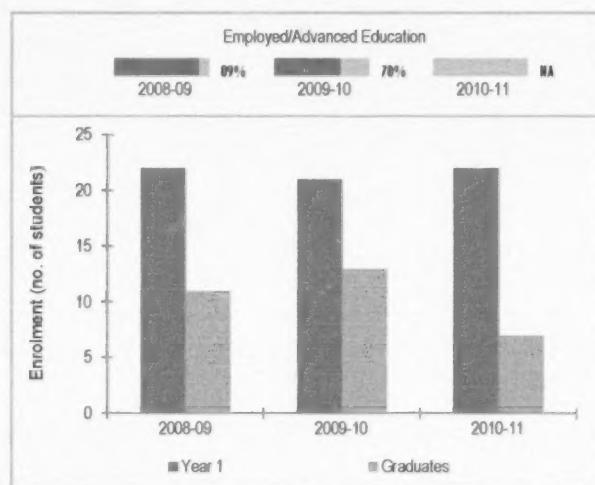
Occupational Health and Safety

C+DE full-time certificate program

This program is designed to provide a fundamental understanding of occupational health and safety. The program addresses the role and responsibilities of an Occupational Health and Safety practitioner including risk management, hazard recognition, control, and prevention and safety management systems in the workplace, incorporating a multi-disciplinary approach in contributing to the development of a health and safety culture.

Employed/Advanced Education

| 2008-09 | 64% | 2009-10 | 81% | 2010-11 | NA |

Enrolment (no. of students)

	2008-09	2009-10	2010-11
Year 1			
Graduates			
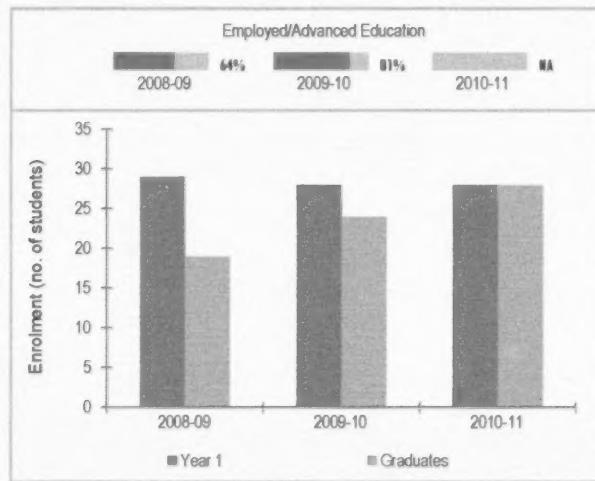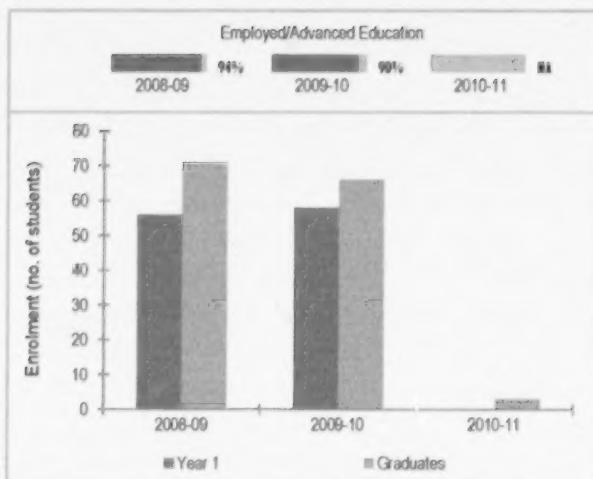
Para Educator

C+DE full-time certificate program

This program prepares students for entry-level positions as Para Educators (i.e., teaching assistants) to work with children under the direction of a teacher.

Note: This program has been replaced by the Educational Assistant program.

Power Engineering - 5th Class
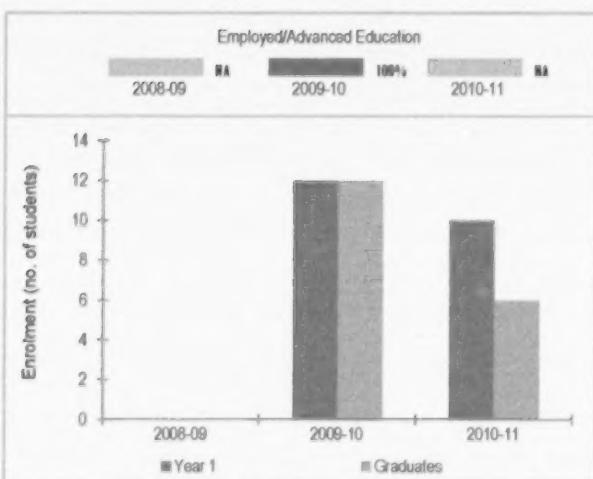
C+DE full-time certificate program

Students in this program acquire the critical employability skills to function competently, professionally, and ethically as a fifth class power engineer. Graduates have found employment in industrial plants, school divisions, and other commercial industrial or public buildings.

Professional Photography
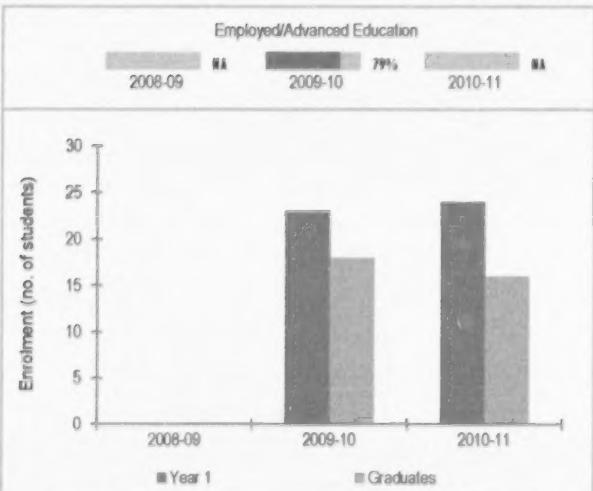
C+DE full-time certificate program

Students gain the knowledge and skills required to develop technical and creative aspects of digital imaging manipulation, lighting, SLR operation, exposure, composition, printing, editing, retouching and processing, as well as foundational business skills.

Railway Conductor

C+DE full-time certificate program

This program integrates knowledge in safety, business, communications and wellness with the management of trains, including switching and marshalling cars, transporting dangerous goods, performing inspections, copying authorities and keeping records – all within the context of the Canadian Rail Operating Rules and railways General Operating Instructions.

Note: July 2009 was the first graduating class for this program.
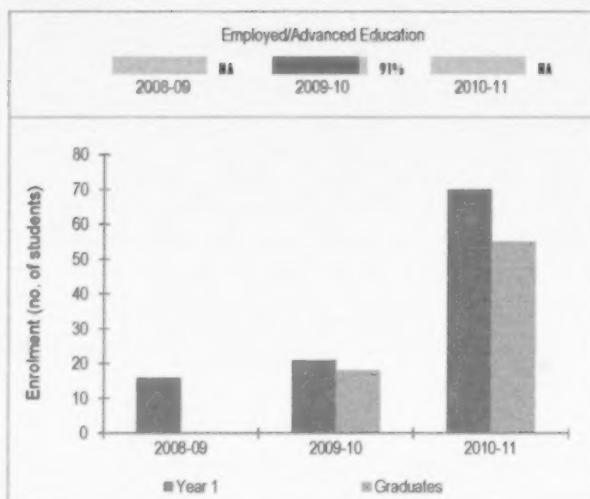
Recreational Facilitator for Older Adults

C+DE full-time certificate program

This program provides students with the knowledge, skills, attitude and field-based practical experience to work with older adults.
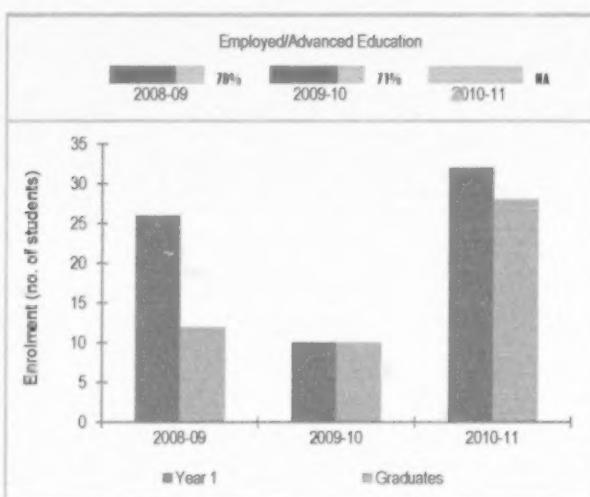
Residential Decorating Certificate Program

C+DE full-time certificate program

Students acquire the skills to successfully manage decorating projects to improve home spaces. They learn to apply design principles to enhance the function and quality of both interior and exterior living environments. Students gain the skills to analyze clients' decorating needs for development of furniture floor plans, product purchases and installation arrangements.
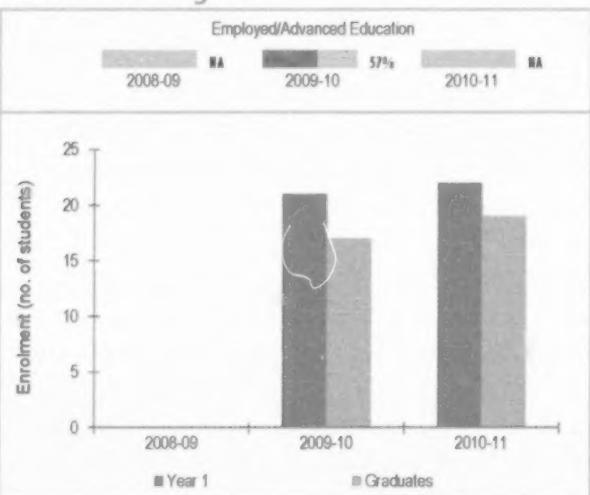
Sterile Processing Technician

Employed/Advanced Education

| 2008-09 | 100% | 2009-10 | 97% | 2010-11 | NA |
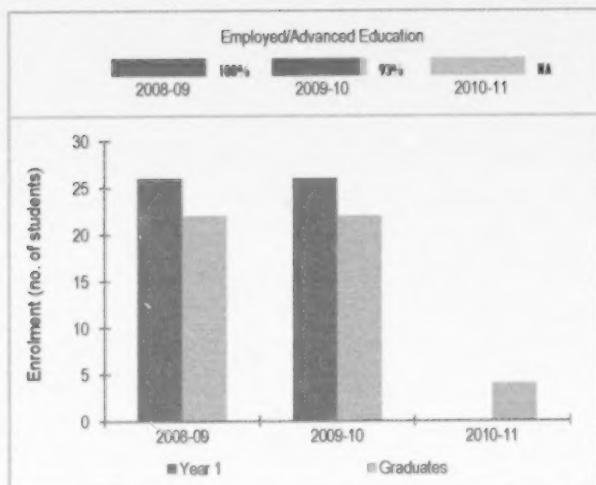
C+DE full-time certificate program

Students acquire the knowledge and skill for career opportunities in hospitals, surgical centres and health care settings related to the preparation of sterile equipment and supplies. This program teaches critical techniques in infection control, aseptic techniques and safety.

Continuing Studies

Regional Campuses
Department Highlights

Regional campuses delivered four new programs in 2010-11: pre-employment Carpentry (Gimli Campus); Computer Applications for Business (Peguis-Fisher River Campus); Industrial Electrical Maintenance (Winkler Campus); and Infant Care (Winkler Campus).

The new Educational Assistant program replaced the Para-educator program at all regional campuses.

Winkler Campus, for the first time, had wait lists for Business Administration, Dental Assisting-Level II and Health Care Aide.

The College purchased the former Victoria School from the Portage la Prairie School Division. Portage Campus relocated from Southport to its new downtown Portage location. Following major renovations, classes began in September 2011.

Portage Campus continued to provide customized courses and workshops for local organizations and industries, including Dakota Ojibway Child and Family Services, Portage Head Start, Portage Learning and Literacy Centre, and Allied Wings.

Portage Campus continued to respond to Manitoba Family Services' province-wide training needs by delivering the Foundations in Disability and Community Support and Supervision in Human Service Settings courses in Brandon, Swan River and Thompson.

Portage and Steinbach campuses continued hosting and supporting Campus Manitoba sites.

Gimli Campus consolidated its various Selkirk programs, courses and classrooms into a 5,000 square foot repurposed space at the Selkirk Mental Health Centre.

Gimli Campus received Apprenticeship Manitoba accreditation to deliver pre-employment Carpentry at the Winnipeg River Learning Centre in Powerview-Pine Falls.

The demand for early childhood education training has increased for Gimli Campus, as Manitoba's Aboriginal childcare system urgently requires staff training to meet provincial licensing standards by 2015. A two-and-a-half year community-based Early Childhood Education diploma program was completed in St. Laurent. Part-time courses were offered at Little Saskatchewan First Nation for students

Going Places.
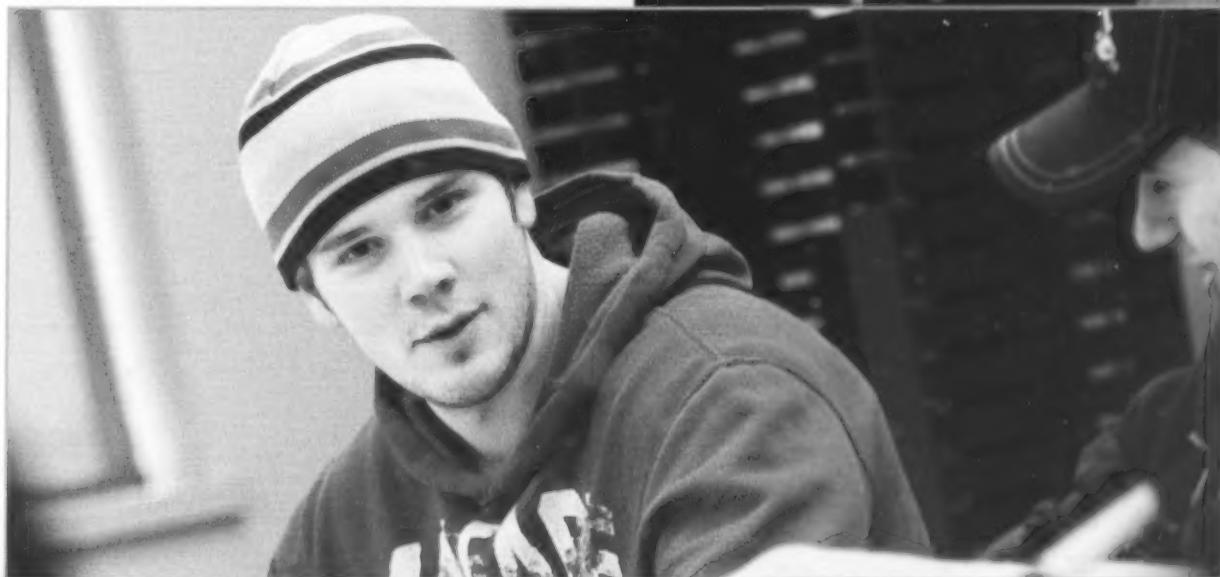
already working in child care and Head Start centres. Students attend evening courses along with those from three other First Nations.

Peguis-Fisher River Campus began producing and distributing a newsletter to box holders in Peguis, Fisher River and surrounding communities. It serves as a medium for highlighting student accomplishments, upcoming programs and information about the College in general.

Staff Notable Achievements

Steinbach Campus instructor **Colleen Webb** completed the Certificate in Adult Education program.

Peguis-Fisher River Campus Student Support Worker **Daphne Flett** completed the Career Counselling Certificate at the Winnipeg Transition Centre.

Regional Campus Full-time Enrolment
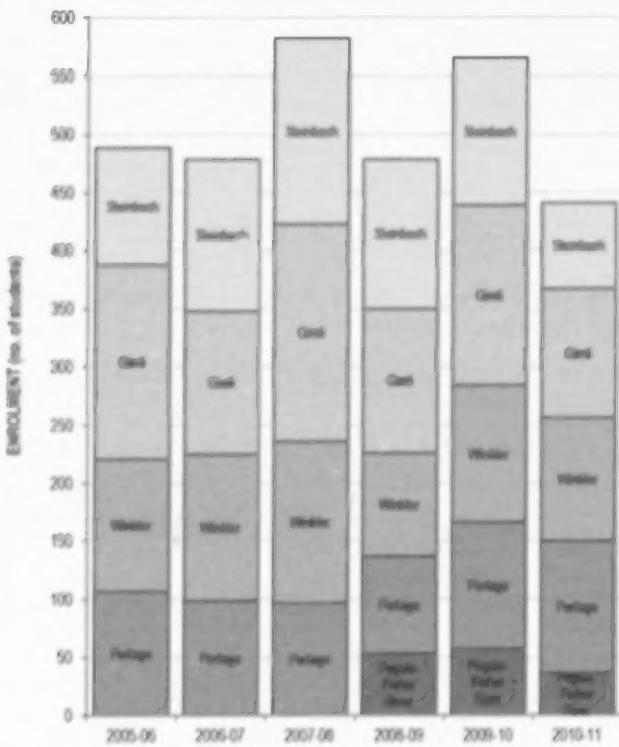
Note: Enrolment counts include Contract enrolments which vary greatly

Regional Campus Part-time Enrolment
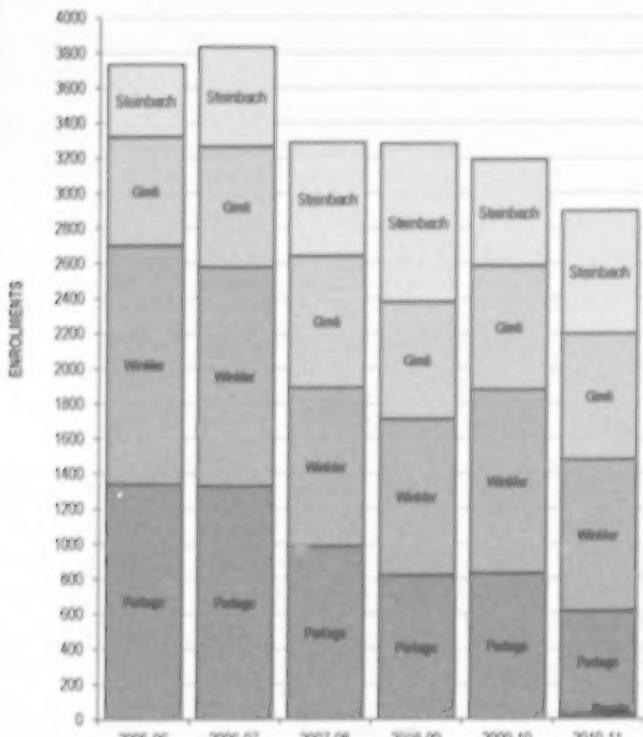
Note: Enrolment counts include Contract enrolments which vary greatly

Language Training Centre
Department Highlights

More than 1,200 students enrolled in adult EAL programs over the 2010-2011 academic year at the Language Training Centre (LTC). Over 30 countries are represented at the LTC with students from China, Philippines, India, and African countries comprising the largest majorities. An additional section of the Intensive English as a Second Language (EAL) program for permanent residents and three sections of the Intensive English for International Students (IEIS) program contributed to this growth.

While a plan was in place for the LTC to move to the Massey Building in the Exchange District, a decision was ultimately made to retain the LTC in the VIA facility with a plan for expansion of classroom space. Renovations at the Main Street Campus provided three additional classrooms to accommodate program growth.

The LTC worked closely with the Manitoba Office of the Fairness Commissioner to identify a framework for the development of a bridging program for internationally educated dentists to be delivered in the fall term of 2011. Specialized language programs like this are designed to prepare permanent residents to pursue their employment and career goals and are delivered under a funding contribution from the Province of Manitoba's Manitoba Immigration Integration Program.

The LTC continues to provide observation and practicum placements for students in training programs for Teaching English as a Second Language from the University of Manitoba, University of Winnipeg, Providence College and Briercrest College in Saskatchewan.

The Canadian English Language Benchmarks Assessment for Nurses (CELBAN) continues to be a popular choice with Internationally Educated Nurses to demonstrate English language proficiency. There were 585 administrations of CELBAN across Canada. The Centre for English Language Assessment Services, housed at the LTC, oversees the administration of CELBAN in eight sites in five provinces across Canada, including Manitoba, Saskatchewan, Alberta, British Columbia and Ontario.

A total of 489 applicants to RRC programs had English language assessments in 2010-2011. This number included 302 international and immigrant students applying for career programs and 177 applicants for the Intensive English for International Students program.

The LTC completed a language analysis of the new Railway Conductor program to determine the language level demands according to the Canadian Language Benchmarks. Funding for this research came from the Adult Language Training Branch.

The LTC completed two forms of the Canadian Language Benchmarks Milestone listening assessment under contract by the Centre for Canadian Language Benchmarks with funding from Citizenship and Immigration Canada. The speaking exemplars for this assessment were produced by RRC's eTV studios and the reading and listening components of this assessment were piloted with over 450 students at the LTC.

For the second year in a row, students from the Language Training Centre were chosen to be part of the Winnipeg Folk Festival's Newcomers Outreach program. The twelve students participated in customized training at the LTC to prepare them to be part of the Festival's volunteer crews.

Staff Notable Achievements

Paige Sneesby, LTC instructor, was Conference Chair of the Provincial Teaching English to Adults in Manitoba (TEAM) Spring Conference.

Jon Bailey, LTC instructor, is serving for a second year as the president of TEAM, the professional association of adult EAL teachers, teacher training programs, funders and volunteers.

Blanche Kingdon and **Cathy Lewis**, LTC researchers, received an Honorable Mention at the 2010 RRC Research and Innovation Award ceremonies for their contribution in support of applied research on the Canadian Language Benchmarks Milestone Assessment.

Lucy Epp received the Teaching English as a Second Language (TESL) Manitoba Award for Excellence for her pioneering research in the application of the Canadian Language Benchmarks in analyzing the language demands of career programs and occupations in Canada, and in particular to the development of the Canadian English Language Assessment for Internationally Educated Nurses (CELBAN).

The Language Training Centre is located in the VIA Rail Union Station

English as an Additional Language (EAL) Programs
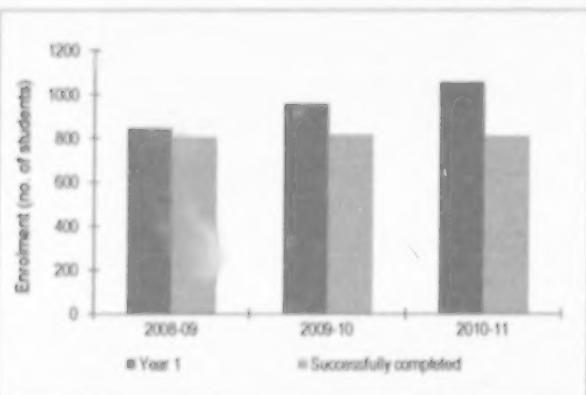
Certificate programs

The Language Training Centre offers full-time language programs with 25 hours of instruction per week. The intensive courses are interactive and include periodic excursions and the use of computer labs. Many EAL students have found that the English for Specific Purposes programs at the Language Training Centre have opened up employment opportunities for them. Others have gone on to continue their studies in college or university programs. Perhaps the most widespread benefit for all EAL students has been their increased ability to communicate effectively in the community.

Apprenticeship

Apprenticeship Manitoba (AM) provides apprenticeship training and trades certification of more than 50 regulated trades under *The Apprenticeship and Certification Act*. AM registers and monitors apprenticeship agreements between apprentices and employers, and schedules technical training at designated training providers, including Red River College. The training follows standards for the trades developed and maintained by AM and approved by the Apprenticeship and Certification Board.

As the largest provider of technical training for apprentices in Manitoba, RRC delivers more than 70% of all technical apprenticeship training offered each year and is a designated trainer for 32 trades.

After more than a decade of strong year-over-year growth, apprenticeship training moderated in 2010/2011 due to the slowdown in the economy over the last few years. RRC trained 3,336 apprentices, down slightly from the previous year, but still almost double the number trained ten years ago. Training is expected to increase modestly in future years as the economy recovers and more trades are designated.

RRC is working on a number of initiatives to improve access and quality, including:

- A bridging program to help foreign-trained tradespersons gain certification to work in Manitoba. Development is ongoing with AM and the Office of the Fairness Commissioner, with a pilot delivery planned in 2011/2012.
- A new quality assurance tracking and feedback system in collaboration with Assiniboine Community College and the University College of the North.
- A new credential-granting process that will see apprentices who attend RRC for their Apprenticeship Manitoba prescribed training graduate from college and receive a diploma when they complete their apprenticeship training. The college diploma will provide greater recognition for the knowledge and skills of the apprentices, and will enhance their transferability into continuing studies at the diploma and degree level; and
- Increased international apprenticeship opportunities, where foreign trained tradespeople come to Manitoba for training and work experience. RRC trained automotive and culinary students from Jamaica, allowing them to qualify for the Red Seal designation.

RRC is leading the "e-Apprenticeship Alternate Delivery Development Initiative," a Manitoba/Saskatchewan collaboration to introduce on-line apprenticeship training across a number of trades. Level 1 Electrician was successfully piloted, with apprentices achieving the same quality of exam results as those taking the traditional block release program, and 18 more levels are under development. The blended model delivers a standard 8-10 week block of institution based training over a period of about 6 months through on-line learning supplemented with two or three one week blocks of classroom training for orientation and evaluation. Both apprentices and employers benefit from the 70% reduction in time away from home and the job.

Technical training for Marine and Outdoor Power Equipment Technician was introduced in 2010/11. Additional trades are under development for introduction in 2011-12, including:

- Construction Craft Worker
- Gasfitter
- Water and Wastewater Technician
- Refrigeration and Air Conditioning Mechanic (Residential)
- Refrigeration and Air Conditioning Mechanic (Commercial)
- Diesel Engine Mechanic (in partnership with CN Rail)
- Railway Car Technician (in partnership with CN Rail)

Apprenticeship Enrolment

Academic Year	Apprentices
2011-12* (projected)	3,469
2010-2011	3,336
2009-2010	3,575
2008-2009	3,103
2007/2008	2,679
2006/2007	2,369
2005/2006	1,985
2004/2005	1,819
2003/2004	1,916
2002/2003	1,827
2001/2002	1,868
2000/2001	1,731
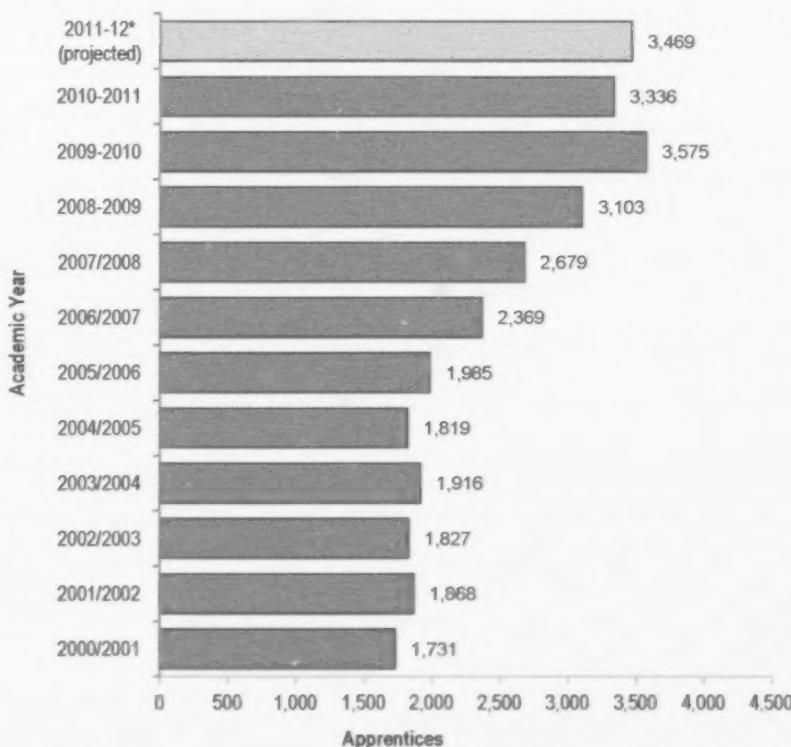
Enrolment by Program, 2010/2011

Bar chart with y-axis marked 0, 50, 100, 150, 200, 250, 300, 350, 400, 450. The Construction Electrical bar is marked 856.

Programs along x-axis: Aircraft Maintenance Engineer, Auto Service Ed Prg (ASEP), Auto Service Technician, Auto Service Technician - Contract, Boilermaker, Boilermaker - Entry Level, Bricklaying, Cabinet Maker, Carpenter, Construction Electrical, Cook, Crane Operator, Gas Turbine, Gas Turbine - Contract, Ironworker, Landscape Technician, Lather, Machinist, Marine and Outdoor Power Equipment, Motor Vehicle Body (paint), Motor Vehicle Body Repairer, Motor Vehicle Mech Asset, Painting & Decorating, Plumbing, Power Electrician, Refrigeration, Roofer, Sheet Metal, Sprinkler System Installer, Steamfitting, Transport Trailer Mechanic, Transport Truck/Bus

If you are interested in registering as an apprentice, contact:

Apprenticeship Manitoba
Manitoba Entrepreneurship, Training and Trade
1010 - 401 York Ave., Winnipeg, Manitoba R3C 0P8
Ph: (204) 945-3337 Fax: (204) 948-2539
Toll-Free: 1-877-978-7233 (1-877-97-TRADE)
www.manitoba.ca/tradecareers
apprenticeship@gov.mb.ca

Applied Research & Commercialization

Ray Hoemsen, Director
Room C506, Phone: 632-2523,
Email: rhoemsen@rrc.mb.ca

Department Highlights

In 2009, Applied Research & Commercialization (AR&C), with $2.3 million in funding from the Natural Sciences and Engineering Research Council of Canada's College and Community Innovation grant, established the Sustainable Infrastructure Technology Research Group (SITRG), which will focus on improving the energy efficiency of industrial and commercial buildings. Several SITRG related research projects are now underway or in development:

- Solar Trough - This project is supported by Manitoba Hydro. It will assess the performance of solar trough systems for reducing heating and electrical loads, especially in cold climates.

- Air Leakage Testing - SITRG and Manitoba Hydro completed pre-renovation testing on the office tower at 363 Broadway. Minimizing air leakage on the building will maximize energy savings and comfort, as well as ensure long-term durability. Local demand for air leakage testing is high, and more tests planned for the coming year.

- Wind Turbine Testing - Global Wind Group has donated one of its wind turbines to the College for wind to compressed-air testing in the Heavy Equipment Transportation Centre.

AR&C has undertaken several activities that have supported, enhanced, and expanded the sustainable infrastructure and transportation cluster, particularly in Manitoba, for the benefit of technology-based small and medium enterprises (SMEs). As part of these activities, AR&C hosted or co-hosted nine events with a total of almost four hundred attendees.

AR&C will be leading the development of a Sustainable Infrastructure and Transportation "Cluster Map". When completed, the interactive map will highlight local sustainable infrastructure facilities, expertise, and capabilities – especially those relevant to SMEs, larger firms, and research and experimental development-focused organizations.

AR&C hosted and organized a collaborative Building Information Modelling (BIM) Workshop with partners from the National Research Council's Institute for Research in Construction and Industrial Research Assistance Program (IRAP) and with funding from Natural Sciences and Engineering Research Council of Canada (NSERC). BIM can play an important role in creating more energy efficient buildings and this event has helped create more awareness of the major aspects of the technology while positioning RRC as a regional leader in BIM.

AR&C, the Manitoba Building Envelope Council and the Canada Green Building Council held Canada's first Air Barrier Rodeo Workshop, exploring the design, installation, and performance of various air barrier assemblies. The 12-team competition saw participants tasked with the design and installation of their assigned air barrier assembly onto a pre-assembled panel that was then tested for air leakage.

RRC will receive $645,000 over three years from the Province of Manitoba for the creation of an Electric Vehicle Technology and Education Centre (EV-TEC). EV-TEC will be a demonstration and student education site for various all-electric and plug-in hybrid-electric vehicles and their recharging equipment.

A $3 million electric bus project is bringing together Mitsubishi Heavy Industries, New Flyer Industries, Manitoba Hydro, RRC, and the Province of Manitoba to develop an all-electric transit bus and charging system.

The Government of Canada is investing $4.4 million to help RRC establish the Centre for Non-Destructive Inspection Technologies, which will provide specialized inspection equipment and a network of portable "non-destructive" imaging equipment that can be used by industry in their own facilities. An additional $1.5 million will expand the capabilities of RRC's existing Centre for Aerospace Training and Technology, including a new robotics training lab at the Notre Dame Campus.

RRC received a $127,000 in Applied Research Tools and Instruments Grants from the federal government to upgrade the environmental test chambers in the Centre for Applied Research in Sustainable Infrastructure (CARSI) and acquire air leakage testing equipment.

AR&C led the submission of a Letter of Intent for NSERC's Technology Access Centres Grant, which can provide up to $350,000 per year over five years to assist the College in providing companies access to College expertise, technology and equipment. The Letter of Intent was a success and based on that submission, RRC was provided with a marketing research grant of $15,000 and invited to submit a full proposal.

AR&C received 15 applications from RRC staff and students requesting $115,000 for project support from its Research Innovation Fund (RIF). The department offered funding totaling $97,500 to 13 applied research projects. The RIF provides funding to encourage faculty and staff to engage in internal research activities.

Research collaboration opportunities (generally focused on sustainable infrastructure) have been identified in Brazil, Israel, Japan, and Uruguay. Memorandums of Cooperation are being developed to facilitate projects in sectors such as information and communications technology, green buildings, and renewable energy.

Staff Notable Achievements

Ray Hoemsen won the Association of Canadian Community Colleges' prestigious Gold Leadership Excellence Award, recognizing the exceptional work he has done in creating and leading sustained applied research, innovation, and commercialization programs in Manitoba.

Ray Hoemsen was also appointed as a Member of ACCC's Intellectual Property Working Group and the Community Liaison Committee to the Canadian Science Centre for Human and Animal Health.
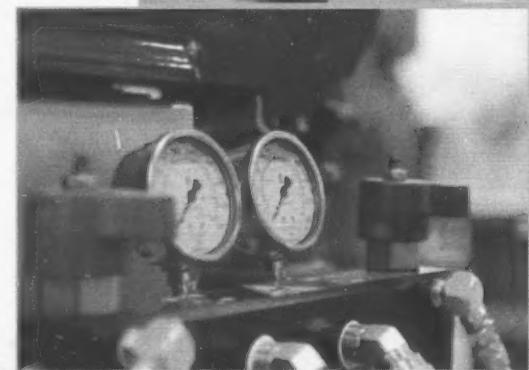
RRC Director Wins National Award

Co-operative Education

Red River College is committed to the philosophy and nature of co-operative education and has made the expansion of co-op programming a priority.

Co-operative education integrates related on-the-job experience with classroom theory by alternating terms of paid employment and academic study. Over the years, the College has introduced this proven system into an increasing number of programs. Co-operative education has been offered in three programs in the College's Hospitality department since the late 1970's. Starting in 1991, rapid growth has occurred in the number of programs offering a co-op mode of delivery.

The number of students enrolled in co-op programs was 1,223 in 2010-11. The total number of co-op programs stands at 26.

- ACCESS Civil Engineering Technology
- Architectural/Engineering Technology
- Building Design CAD Technology
- Business Information Technology
- Cabinetry & Woodworking Technology
- Chemical and Biosciences Technology
- Civil Engineering Technology
- Computer Analyst/Programmer
- Culinary Arts
- Electrical Engineering Technology
- Electronic Engineering Technology
- Electrical Engineering Technology Integrated
- Environmental Protection Technology
- Geomatics Technology
- Greenspace Management
- Hospitality & Tourism Management
- Hotel and Restaurant Management
- Information Systems Technology
- Instrumentation Engineering Technology
- Mechanical Engineering Technology
- Municipal Engineering Technology
- Professional Baking
- Structural Engineering Technology
- Technical Communications
- Tourism Management
- Wood Products Manufacturing - Technology - Diploma / Certificate

Co-operative Education will continue to be considered as a delivery mode for new and existing programs where marketplace, students and the employing community find it a viable educational method.

Co-operative Education Enrolment
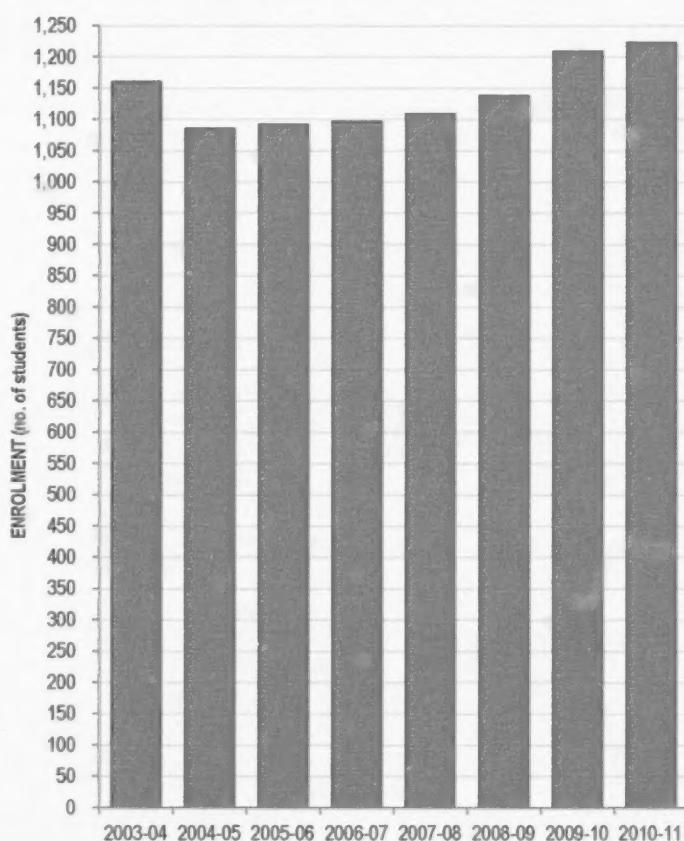
Number of Co-operative Education Programs
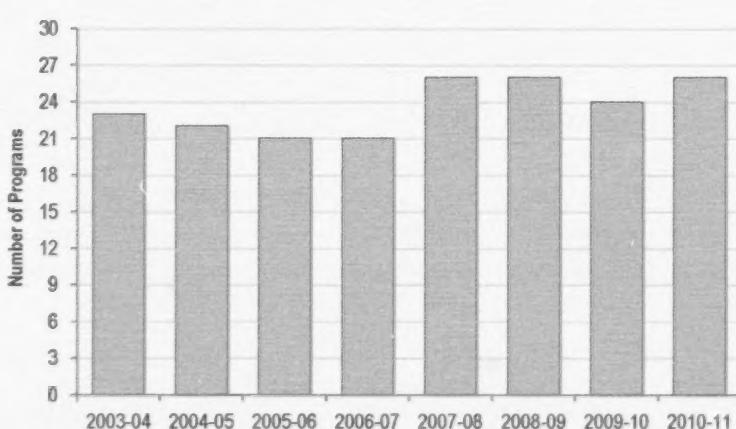
International Education

Department Highlights

Red River College continues to develop joint programming with its longtime international educational partner, Shenyang Institute of Engineering (SIE) in the areas of Electrical Engineering Technology, Power Engineering Technology and Hospitality & Tourism Management. A total of 192 students have registered in the joint programs in China this year. The first student from China arrived in Winnipeg in September 2010 to start the second year of Electrical Engineering Technology. RRC faculty and staff have also developed the first course for online delivery in the Power Engineering Technology program. Students have the option to complete their entire studies at SIE or take two years at SIE and one year at RRC to earn the joint diploma.

Red River College completed the final year of the 1,000 Women Project, which aimed to strengthen social inclusion and vocational empowerment among underprivileged women from the northern and northeastern regions of Brazil. RRC was the lead institution in the training for Culinary Arts and ACCESS skills and worked with CEGEP *Regional de Lanaudiere* in Quebec to offer this training. The Closing Ceremony was held in Natal, Brazil with attendance from the faculty and staff of RRC's School of Indigenous Education, ACCESS Program and International Education.

There are 447 registered International Students as of the past year, representing 41 different countries. International Student population at the College increased by 21% over the previous year. Top source countries are India (23%), China (18%), South Korea (6%), Brazil (4%), Vietnam (2%) and Taiwan, R.O.C. (1%). The Canadian Government, in partnership with the Association of Canadian Community Colleges, has developed a special approval process called the Student Partner Program for students destined to colleges. The government plans to extend this program to China and Vietnam in the near future.

International Education participated in student fairs in Brazil, Colombia, Venezuela, Chile, South Korea, China, Vietnam, Taiwan and Mexico. RRC also hosted high-level institutional visits by delegations from Brazil, Mozambique, the Philippines, China and South Korea.

RRC entered into institutional partnership agreements with Nagasaki International University (Japan), North Lindsey College (UK), Henan Business College (China) and Zhejiang Water Conservancy and Hydropower College (China). With these partnerships, IE hopes to fulfill its mandate of not only generating revenues for the College through increased student recruitment, but more importantly, to help "internationalize" RRC by sending its faculty, staff and students abroad.

Faculty from a variety of RRC Academic Departments have worked on International projects around the globe this past year, including:

- David Kinasevych, Instructor, went to Shenyang, China and taught at Shenyang Institute of Engineering for two weeks to deliver some parts of the joint program on Power Engineering Technology.
- Bob Dueck, Instructor, also went to Shenyang, China and taught at Shenyang Institute of Engineering for two weeks to deliver some parts of the joint program on Electrical Engineering Technology.

APPENDIX:
Program Highlights, 2010/2011

Program	1st Year Quota	Start Month	1st Year Enrolments	2nd Year enrolments	3rd Year Enrolments	Total Enrolments	Female	Aboriginal	Persons with Disabilities	Graduates
School of Business & Applied Arts										
3D Computer Graphics	15	8	12	—	—	12	3	—	—	10
American Sign Language-English	16	9	14	8	4	26	25	2	1	2
Applied Accounting	99	8/1	94	—	—	94	42	9	5	33
Aviation Management	25	8	12	18	—	30	7	2	—	7
Business Administration	620	8/1	639	496	—	1,135	585	80	11	340
Business Administration Integrated	64	8	34	32	—	66	45	33	—	—
Business Information Technology	165	8/1	157	46	—	203	16	12	8	—
Commerce/Industry Sales & Marketing	35	8	26	—	—	26	9	1	—	18
Computer Accounting Technician	—	—	—	—	—	—	—	—	—	23
Computer Analyst/Programmer	—	—	1	35	—	36	5	2	1	39
Creative Communications	75	8	73	75	—	148	80	9	1	66
Culinary Arts	70	8/1	74	53	—	127	49	10	1	37
Deaf Literacy Program	—	—	21	—	—	21	8	—	9	—
Deaf Studies	20	9	20	—	—	20	18	1	—	9
Digital Multimedia Technology	40	8	44	38	—	82	28	5	—	27
Graphic Design	50	8	51	48	—	99	53	3	1	36
Graphic Design - Advanced	20	8	20	—	—	20	12	—	—	19
Health Information Management	30	8	26	—	—	26	24	1	1	1
Hospitality & Tourism Management	85	8	54	—	—	54	41	8	2	—
Hotel and Restaurant Management	—	—	—	21	—	21	15	—	—	15
Tourism Management	—	—	—	23	—	23	18	1	—	8
Information Systems Technology	—	—	—	21	—	21	1	—	—	37
International Business	25	1	28	—	—	28	12	—	—	21
Introduction to Business Information Technology	66	8/1	41	—	—	41	5	2	1	22
Library and Information Technology	—	—	—	27	—	27	21	1	—	25
Professional Baking	14	8	21	—	—	21	17	2	—	13
Technical Communication	25	8	5	4	—	9	3	1	—	2
School Total	**1,559**	—	**1,467**	**945**	**4**	**2,416**	**1,142**	**185**	**42**	**810**

| Program	1st Year Quota	Start Month	1st Year Enrolments	2nd Year enrolments	3rd Year Enrolments	Total Enrolments	Female	Aboriginal	Persons with Disabilities	Graduates
School of Construction & Engineering Technologies										
Cabinetry & Woodworking - Certificate	---	8	16	---	---	16	4	---	---	17
Cabinetry & Woodworking Technology	40	8	23	—	—	23	5	1	—	—
Carpentry Five-Month Program	80	8/1	76	—	—	76	6	11	2	60
Civil Engineering Technology	200	8/1	196	—	—	196	21	9	1	—
Architectural Engineering Technology	—	---	—	23	13	36	8	—	1	7
Environmental Protection Technology	---	---	—	20	24	44	15	2	—	24
Geomatics Technology	---	—	—	27	26	53	6	5	—	28
Municipal Engineering Technology	---	---	—	42	32	74	13	3	—	34
Structural Engineering Technology	—	—	—	43	29	72	15	3	—	27
Building Design CAD Technology	—	—	—	30	—	30	10	—	2	18
Construction Management	30	8	28	—	—	28	—	1	1	—
Electrical Engineering Technology	144	8/1	137	47	26	210	8	11	—	24
Electronic Engineering Technology	—	—	—	33	25	58	1	1	—	23
Instrumentation Engineering Technology	---	---	—	17	12	29	1	—	—	11
Electrical/Electronic Engineering Technology Integrated	24	8	29	12	—	41	1	8	2	—
Electronic & Network Technician	16	8	34	—	—	34	2	2	—	10
Electrical Five-Month Program	96	8/1	87	—	—	87	3	13	1	64
Geographic Information Systems (GIS) Technology	24	8	8	—	—	8	5	—	1	7
Greenspace Management	22	8	25	14	10	49	16	1	2	7
Network Technology (CCNA) Certificate	16	8	13	—	—	13	—	—	—	11
Network Technology (CCNP) Certificate	2	8	1	—	—	1	—	—	—	1
Network Technology (CCNP) Diploma	12	8	8	—	—	8	—	3	—	6
Plumbing Five-Month Program	72	8/1	62	—	—	62	—	4	—	48
Refrigeration and Air Conditioning Technician	18	8	17	—	—	17	—	1	—	14
Wood Products Manufacturing - Certificate	—	—	—	—	—	—	—	—	—	2
Wood Products Manufacturing - Diploma	—	—	—	11	5	16	2	1	—	5
School Total	796	—	760	319	202	1,281	142	80	13	448

Program	1st Year Quota	Start Month	1st Year Enrolments	2nd Year enrolments	3rd Year Enrolments	Total Enrolments	Female	Aboriginal	Persons with Disabilities	Graduates
School of Health Sciences & Community Services										
Animal Health Technology	30	8	35	18	---	53	51	4	2	18
Chemical & Biosciences Technology	45	8	31	29	---	60	34	4	3	13
Child and Youth Care	25	8	32	23	---	55	44	13	1	14
Dental Assisting - Level 2	50	8	53	---	---	53	50	5	---	28
Diploma Nursing (Accelerated)	---	---	34	154	---	188	157	12	5	80
Disability and Community Support	30	8	55	16	---	71	59	10	3	10
Early Childhood Education	60	8	75	46	---	121	114	17	5	41
Early Childhood Education - Workplace	75	9/2	53	51	---	104	96	7	1	41
Health Care Aide	120	9/2	104	---	---	104	74	2	2	143
Joint Baccalaureate Nursing	---	---	3	108	79	190	165	26	2	---
Medical Laboratory Sciences	36	8	40	35	---	75	55	3	---	32
Medical Radiologic Technology	40	8	40	40	---	80	49	1	---	34
Magnetic Resonance Imaging (MRI) and Spectroscopy	20	8/2	14	---	---	14	8	---	---	10
Nursing	225	8	255	---	---	255	222	30	---	---
Paramedicine - Primary Care Paramedic	40	8	42	---	---	42	15	4	---	32
Pharmaceutical Manufacturing	25	8	18	---	---	18	8	---	---	11
Quality Assurance/Quality Control (QA/QC) in the Pharmaceutical Industry	25	8	21	---	---	21	9	---	---	21
Radiation Therapy	7	9	12	---	---	12	6	---	---	11
Rehabilitation Assistant	---	9	20	---	---	20	18	---	---	20
School Total	**853**	---	**937**	**520**	**79**	**1,536**	**1,234**	**138**	**24**	**559**
School of Indigenous Education										
Aboriginal Language Specialist	20	8	8	---	---	8	5	6	---	---
Aboriginal Self-Government Administration	10	8	9	10	---	19	9	16	---	6
Biindigen College Studies	60	8/1	60		---	60	33	45	---	9
Community Devel/Economic Development (CD/DED)	25	8	15	6	---	21	15	5	1	6
Community Devel/Economic Development Certificate	---	---	---	---	---	---	---	---	---	1
Computer Applications for Business	20	9	8	10	---	18	13	12	---	7
Introduction to Trades	32	8/1	24	---	---	24	4	17	---	15
School Total	**167**	---	**124**	**26**	---	**150**	**79**	**101**	**1**	**44**

Program	1st Year Quota	Start Month	1st Year Enrolments	2nd Year enrolments	3rd Year Enrolments	Total Enrolments	Female	Aboriginal	Persons with Disabilities	Graduates
School of Learning Innovation										
Business/Technology Teacher Education	12	8	2	3	6	11	2	—	—	4
Business/Technology Teacher Education - After Degree	4	8	7	6	—	13	8	—	—	3
Industrial Arts/Technology Teacher Education	16	8	13	10	22	45	7	—	—	5
Industrial Arts/Technology Teacher Ed - After Degree	—	8	5	2	—	7	2	—	—	—
Technical Vocational Teacher Education	16	8	16	—	—	16	8	—	—	9
School Total	**48**	**—**	**43**	**21**	**28**	**92**	**27**	**—**	**—**	**21**
School of Transportation, Aviation and Manufacturing										
Aerospace Manufacturing	32	9/1	26	—	—	26	1	—	1	20
Aircraft Maintenance Engineer	60	8/11/1	67	—	—	67	3	2	—	49
Automotive Service Ed Program	—	—	55	—	—	55	2	1	—	54
Automotive Technician - Certificate	75	9	77	—	—	77	6	5	—	59
Automotive Technician - Diploma	12	9	12	—	—	12	1	1	—	10
Collision Refinishing	10	10	8	—	—	8	—	1	—	8
Collision Repair and Refinishing	30	9	32	—	—	32	—	5	1	27
Heavy Duty Equipment Mechanic	48	9	48	—	—	48	2	4	1	24
Introduction to Aircraft Maintenance Engineer	16	1	5	—	—	5	1	—	—	—
Manufacturing CAD	15	8	16	—	—	16	1	—	—	14
Manufacturing Technician	28	8	21	12	—	33	2	1	1	7
Mechanical Engineering Technology	52	9	42	34	30	106	7	4	3	28
Outdoor Power Equipment Technician	14	8	13	—	—	13	1	3	—	11
Power Engineering Technology	25	8	24	17	—	41	—	1	1	15
Technology Management	25	8/11	14	—	—	14	1	—	—	6
Welding	36	—	35	—	—	35	1	5	—	7
School Total	**478**	**—**	**495**	**63**	**30**	**588**	**29**	**33**	**8**	**339**
GRAND TOTAL	**3,901**	**—**	**3,826**	**1,894**	**343**	**6,063**	**2,653**	**537**	**88**	**2,221**

Program	1st Year Quota	Start Month	1st Year Enrolments	2nd Year enrolments	3rd Year Enrolments	Total Enrolments	Female	Aboriginal	Persons with Disabilities	Graduates
School of Continuing & Distance Education										
Administrative Assistant	25	4	22	---	---	22	20	5	1	---
Applied Counselling	54	9/11	56	---	---	56	41	11	---	33
Educational Assistant	60	8/11	58	---	---	58	46	4	3	64
Health Unit Clerk	72	8/11/2	58	---	---	58	52	5	---	49
Legal Administrative Assistant	25	7	22	---	---	22	19	2	2	7
Occupational Health & Safety	28	10	28	---	---	28	6	---	2	28
Para Educator	---	---	---	---	---	---	---	---	---	3
Power Engineering - 5th Class	25	1	10	---	---	10	---	---	---	6
Professional Photography	25	8	24	---	---	24	17	2	---	16
Railway Conductor	17	9	70	---	---	70	1	8	1	55
Recreational Facilitator for Older Adults	25	10	32	---	---	32	23	4	---	28
Residential Decorating Certificate Program	25	2	22	---	---	22	20	1	---	19
School Total	**381**	---	**402**	---	---	**402**	**245**	**42**	**9**	**308**
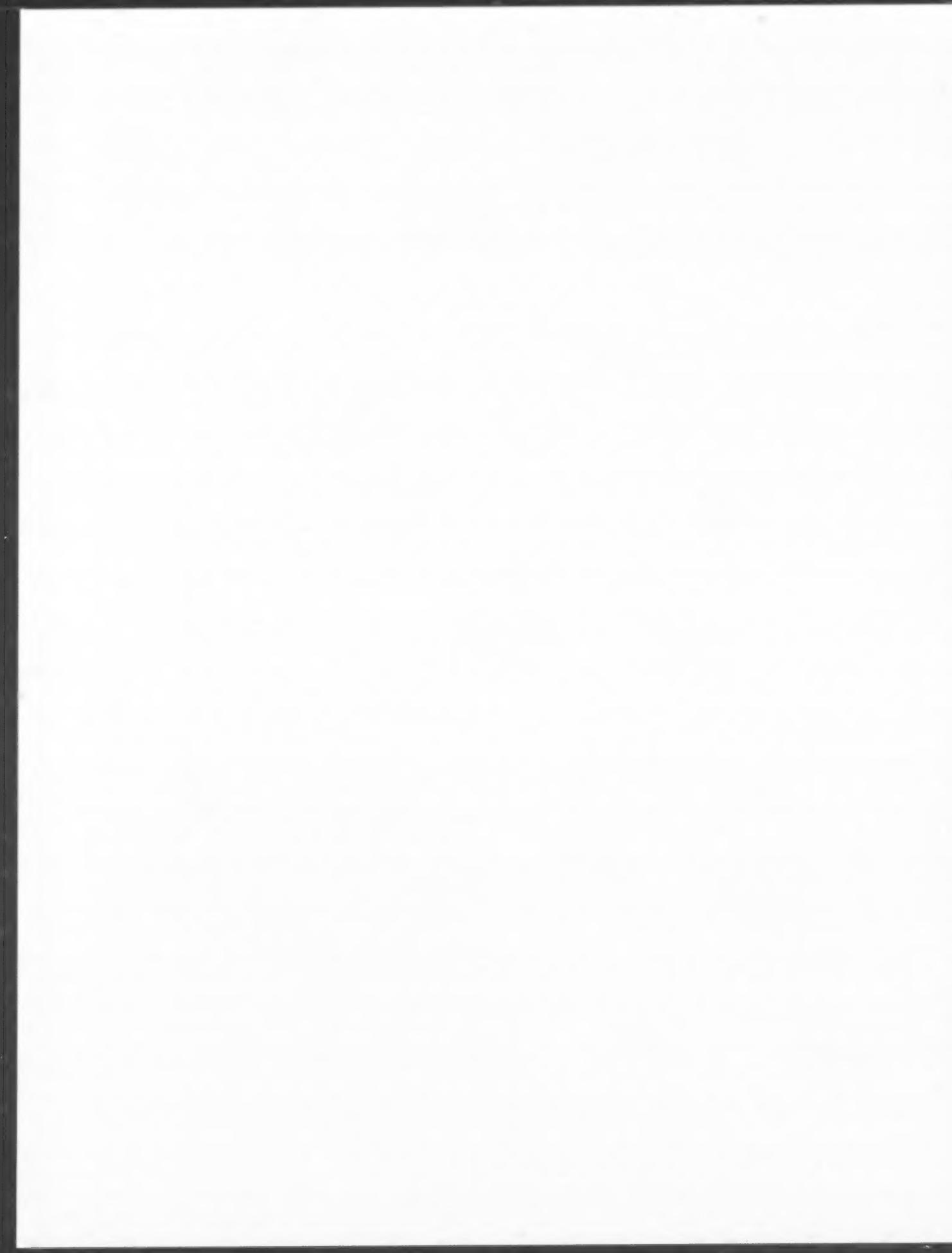
→ **Red River College**

2055 Notre Dame Avenue

Winnipeg, MB R3H 0J9

Information Line: 204-632-3960

Toll Free: 1-888-515-7722

Switchboard: 204-632-2311

Fax: 204-632-9661

www.rrc.mb.ca